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AD-A269 793



# STATION CLIMATIC SUMMARIES

## NORTH AMERICA

### VOLUME 2

ALASKA, CANADA, AND GREENLAND

FEBRUARY 1993



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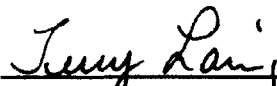


USAF  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER  
Scott Air Force Base, Illinois 62225-5116

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## REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-93/031-2, *Station Climatic Summaries, North America, Volume 2, Alaska, Canada, and Greenland*, February 1993, is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).



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Chief of Operations

FOR THE COMMANDER



WALTER S. BURGMANN  
Scientific and Technical Information  
Program Manager  
28 February 1993

## REPORT DOCUMENTATION PAGE

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18. Subject Terms: \*NORTH AMERICA, ALASKA, CANADA, GREENLAND, \*METEOROLOGY, \*CLIMATOLOGY, \*CLIMATE, \*WEATHER, \*METEOROLOGICAL PHENOMENA, ceiling, visibility, precipitation, surface wind, temperature, relative humidity, dew point, cloud cover, vapor pressure, pressure altitude, thunderstorm, snowfall.
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## STATION CLIMATIC SUMMARIES

The "Station Climatic Summary" series is assembled and published by the USAF Environmental Technical Applications Center (USAFETAC). The series comprises regional collections of short climatological data summaries for specific stations worldwide. Formats have evolved over the years and as the collections grow larger there is more variety in the way the data is presented. For example, a typical dataset for a given station might include the "AWS Climatic Brief" and an addendum. An "Operational Climatic Data Summary" (or OCDS) might constitute another dataset for certain stations. A two-page "OCDS Supplement" may supplement an AWS Climatic Brief. There may be combinations of all of these. The two main data types are described below:

**AWS Climatic Brief:** A computer-prepared summary of monthly and annual climatic data for an individual station. If there are shortfalls or limitations in the station's database, the brief will be labeled as "limited," with the reasons included in remarks. Some older briefs are accompanied by an "Addendum." USAFETAC's Operating Location A at Asheville, NC, creates a new climatic brief whenever it prepares a new Surface Observations Climatic Summary (SOCS--formerly RUSSWO, Revised Uniform Summary of Surface Observations) or updates an existing one. A new SOCS is prepared whenever an initial 5-year period of record becomes available. Existing SOCS/RUSSWOs are updated whenever 5 additional years of data are added to the original database. For a brief period in 1988, AWS Climatic Briefs were produced manually, using data provided by OL-A. These products spanned the breach between the older AWS Climatic Brief and the fully automated version now being produced as a part of each SOCS.

**Operational Climatic Data Summary:** A four-page typewritten summary of monthly and annual climatic data prepared by USAFETAC/DOC when the creation of a standard climatic brief is impractical because of lack of data (period of record too short for SOCS creation, no "summary of day" data available) or to answer a short-notice request. DOC normally uses the latest 10-year period of record (hourly data), more if available. These data are supplemented from other sources such as earlier periods of record, data from contemporary and/or earlier stations, and published data from other sources. All sources are given in the legend. A two-page "Operational Climatic Data Summary Supplement" may follow either of the two preceding data types. OCDSs are not routinely updated.

**Which Product to Use?** Normally, only one of the two products described above is prepared for a given station; however, when a station has both an "AWS Climatic Brief" and an "Operational Climatic Data Summary," users should decide (from data source and POR) which is the better product for a particular application.

**Data Included.** The datasets described above normally include monthly and annual climatic data for at least the following elements: Temperature (means and extremes, daily and monthly); relative humidity, vapor pressure, and dew point; pressure altitude, surface winds, precipitation, and mean cloud cover; thunderstorm and fog occurrence (mean number of days); and flying weather by ceiling and visibility categories.

**Questions or Comments:** Contact USAFETAC/DOC, Scott AFB, IL 62225-5116, DSN 576-3158.

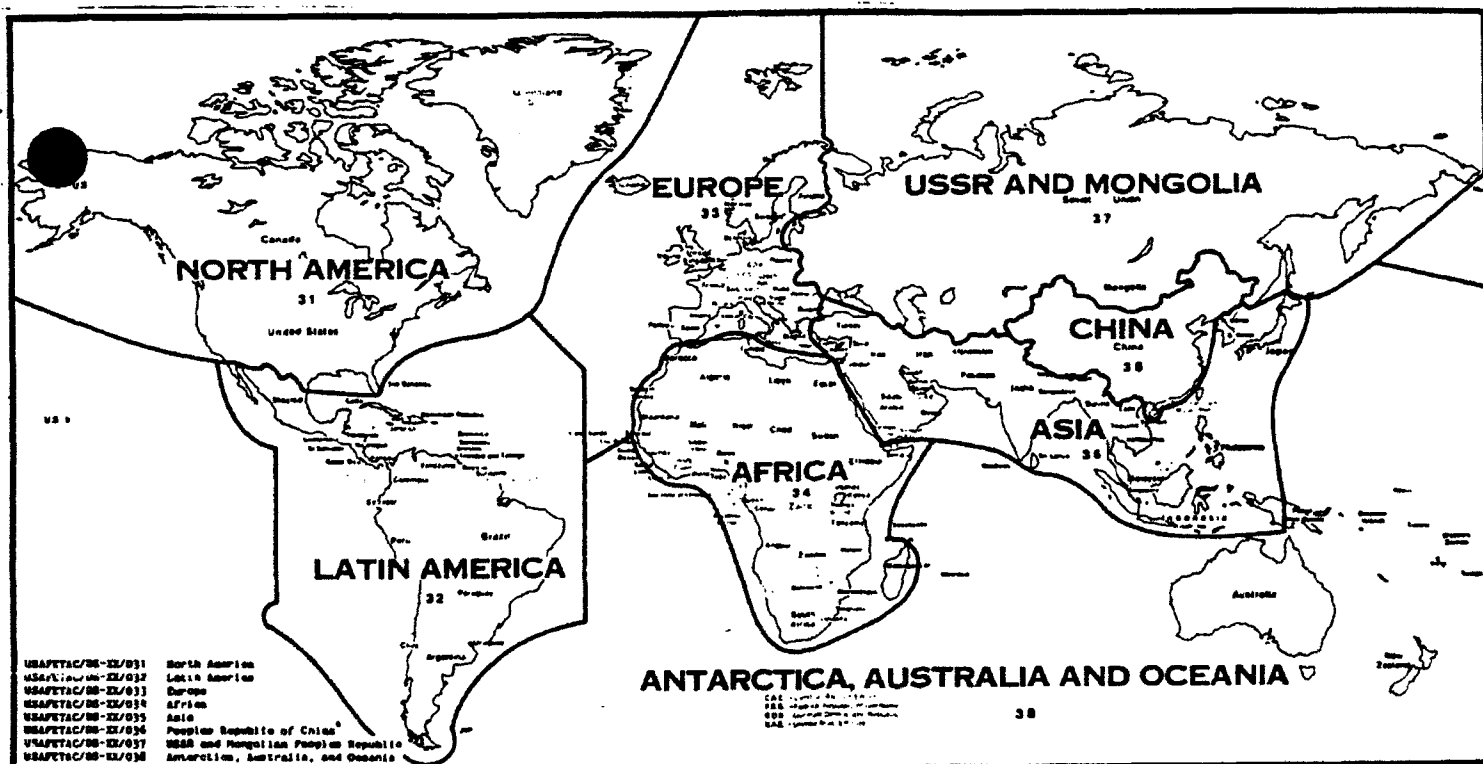


**Regional collections** of climatic summaries are published as "data summaries"--numbered as below--for each of the seven major geographical areas listed and shown on the map. Each collection is revised when and as required. When a revision is issued, the "DS" end number remains the same (i.e., North America is 031, Europe is 033, and so on); only the year of issue changes. The map shows regional boundaries that correspond to the numbers assigned each volume.

USAFETAC/DS-XX/031 North America  
*Volume 1 Contiguous United States*  
*Volume 2 Alaska, Canada, and Greenland*  
 USAFETAC/DS-XX/032 Latin America  
*Volume 1 Mexico and Central America*  
*Volume 2 Caribbean Islands and West Indies*  
*Volume 3 South America*

USAFETAC/DS-XX/033 Europe  
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\*USAFETAC/DS-XX/036, China, was merged with USAFETAC/DS-XX/037 in 1990.



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PREPARED BY OCTOBER			USAFETAC 1983			STATION NAME LOCATION			ADAK HAS AK N51 53 W176 39			PERIOD ELEV			JAN 73 -DEC 82 19 FT			STN LTNS PSC NO.			PAGE 704540																																	
AWS CLIMATIC BRIEF												MEAN												SURFACE WINDS												MEAN NUMBER OF DAYS OCCURRENCE OF																		
M O N T H	TEMPERATURE (°F)						PRECIPITATION (IN)						SHOWFALL (IN)						RELATIVE HUMIDITY (%)						WIND DIRECTION						SPEED						PRECIP (IN)						SHOWFALL (IN)						TEMPERATURE (°F)					
	MEAN			EXTREME			MONTHLY			MONTHLY			MONTHLY			MONTHLY			MONTHLY			MONTHLY			MONTHLY			MONTHLY			MONTHLY			MONTHLY			MONTHLY			MONTHLY														
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JAN	37	29	33	54	1	5.7	11	2.7	13.3	1.5	1.2	20	59	17	82	76	16	29	1800	SW	11	12	9	24	3	15	4	8	7	23	21	2	0	0	0																			
FEB	37	29	33	54	1	5.7	11	2.7	13.3	1.5	1.2	20	59	17	82	76	16	29	1800	SW	11	12	9	24	3	15	4	8	7	23	21	2	0	0	0																			
MAR	39	30	35	57	1	5.7	11	2.7	13.3	1.5	1.2	20	59	17	82	76	16	29	1800	SW	11	12	9	24	3	15	4	8	7	23	21	2	0	0	0																			
APR	41	33	38	56	21	4.3	10.2	1.3	4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																			
MAY	45	37	41	65	20	3.9	9.7	1.0	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																			
JUN	49	41	45	67	29	2.9	9.4	0.8	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																			
JUL	54	45	49	72	33	3.0	6.1	0.8	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																			
AUG	56	47	52	75	33	4.3	9.7	1.0	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																			
SEP	52	44	48	75	28	5.2	11.3	2.2	3.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																			
OCT	47	38	43	61	22	6.6	13.3	3.0	3.4	2	8	4	80	73	21	36	1500	W	11	15	9	25	4	2	8	2	8	12	30	31	3	0	0	0	0																			
NOV	41	33	38	57	12	7.9	13.7	2.7	2.9	11	30	7	79	75	17	31	1650	WSW	13	101	9	26	5	10	3	8	9	20	29	11	8	0	0	0	0																			
DEC	38	30	34	55	8	7.4	13.6	2.6	4.7	19	40	10	78	77	15	28	1850	W	13	78	9	25	4	14	4	8	8	10	24	16	1	0	0	0	0																			
JAN	45	36	41	75	3	6.2	11.1	0.8	4.9	101	59	17	83	77	20	35	1550	WSW	11	109	9	26	5	87	21	8	5	26	336	108	6	0	0	0	0																			
FEB	40	40	40	40	40	39	39	39	39	37	37	37	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10																			
REMARKS: RUSSMO POR: HOURLY OBS: JAN 73 - DEC 82 DAILY OBS: JUN 43 - DEC 82																																																						
NOTE * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS S & CALM GTR & PLVG DCTN ? BASED ON < FULL MONTH																																																						
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI																																																						
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A W S	STATION NAME: AMCHITKA ISLAND AK	FIELD ELEV: 227 FT
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 51 23 N 179 16 E	STATION MSC: 704545
(LIMITED)	HOURLY OBS POR: FEB 43 - NOV 50	CALL SIGN: PAHT
JUN 90	SUMMARY OF DAY POR: FEB 43 - NOV 50 (FULL TIME), JUL 67 - JUL 73 (PART TIME)	SUPERSEDES: FEB 71
	HOURS SUMMARIZED: 00-23 LST (4302 - 5011), VARIABLE HOURS (6707 - 7307)	
	LST TO UTC: +10	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	45	43	48	46	59	58	65	64	59	52	50	48	65	42
MEAN MAX TEMP (F)	35	35	36	39	42	46	49	51	49	45	40	37	42	14
MEAN TEMP (F)	32	32	33	36	39	42	46	48	46	42	37	34	39	14
MEAN MIN TEMP (F)	29	29	30	32	35	39	42	44	43	38	33	30	36	14
EXTRM MIN TEMP (F)	9	7	11	18	24	27	35	38	33	26	15	7	7	42
D/W TEMP GE 55 (F)	0	0	0	0	#	1	2	3	1	0	0	0	7	14
D/W TEMP GE 50 (F)	0	0	0	0	#	3	12	24	15	2	#	0	56	14
D/W TEMP LT 33 (F)	24	23	25	15	5	1	0	0	0	2	12	22	129	14
D/W TEMP LT 25 (F)	4	3	3	1	0	0	0	0	0	0	1	3	15	14
HEATING DEGREE DAYS	977	906	940	840	795	653	571	474	542	711	779	954	9142	8
COOLING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	8
MEAN DEWPOINT TEMP (F)	29	29	29	32	35	40	44	47	43	38	34	30	36	7
MEAN WET BULB TEMP (F)	31	31	32	35	37	41	45	47	45	40	36	32	38	7
99.95% WCPA (FT)	2000	1900	2000	1500	1400	1150	1000	1000	1200	1500	2100	1800	1650	7
MEAN REL HUM 07 LST(%)	86.1	86.7	85.6	88.3	90.3	95.7	98.3	97.9	93.9	89.3	89.1	87.6	90.7	7
MEAN REL HUM 13 LST(%)	85.2	84.0	83.2	85.1	87.9	91.0	94.4	94.7	89.7	85.6	87.0	87.0	87.8	7
MAX 24HR PRECIP (IN)	2.33	.94	1.20	1.98	1.66	1.14	2.50	1.54	2.47	1.24	1.10	1.30	2.50	14
MAX PRECIP (IN)	4.80	6.82	4.69	3.83	4.97	4.57	7.69	6.85	6.69	6.49	5.33	9.56	55.70	14
MEAN PRECIP (IN)	3.12	2.93	2.59	2.29	2.14	1.79	4.04	4.47	3.76	3.80	3.52	4.17	38.42	14
MIN PRECIP (IN)	1.27	1.10	.82	.47	.15	.33	2.32	1.79	1.51	1.80	.93	.89	29.15	14
D/W PRECIP GE .01 (IN)	20	16	17	15	14	14	17	21	16	20	21	21	212	14
D/W PRECIP GT .50 (IN)	1	1	1	1	1	1	3	3	2	2	2	2	20	14
MAX 24HR SNFL (IN)	15.0	13.0	9.0	3.4	3.0	#	0	0	#	.7	8.0	15.0	15.0	14
MAX SNFL (IN)	44.0	38.3	26.1	9.0	5.0	#	0	0	#	1.0	22.0	41.1	105.5	14
MEAN SNFL (IN)	19.5	14.3	11.7	2.4	.3	#	0	0	#	.1	6.6	15.3	70.2	14
D/W SNFL GE .1 (IN)	12	10	10	4	1	0	0	0	0	1	5	12	55	14
D/W SNFL GE 1.5 (IN)	4	3	2	1	#	0	0	0	0	0	1	3	14	14
MAX DLY SNO DEPTH (IN)	22	14	15	3	1	0	0	0	0	#	15	17	22	14
PRVLNG WND DIR (DEG)	32-34	23-25	23-25	32-34	32-34	35-01	23-25	23-25	32-34	32-34	32-34	23-25	23-25	7
MEAN WND SPD (KTS)	23	21	21	19	16	14	14	15	16	19	19	22	18	7
MAX WND SPD (KTS)	135	121	92	100	75	90	70	75	95	90	90	120	135	9
SKY COVER GT 5/10 (%)	85.0	84.1	85.0	90.8	94.0	97.8	98.0	94.3	84.0	72.0	79.0	84.6	87.3	7
D/W THUNDERSTORMS	0	0	#	0	0	0	#	#	#	#	#	#	#	35
D/W FOG (VSBY LT 7 MI)	14	10	12	13	15	22	28	27	19	14	13	11	198	8

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

& = BASED ON LESS THAN FULL MONTHS

\*\* = INSTANTANEOUS PEAK WINDS

\* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

MONTH		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY												ANN		YOR			
LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN		YOR			
CIG LT 300 FT AND/OR VSBY LT 3 MI	00 - 02	64.9	62.0	66.7	69.0	86.4	93.2	94.3	80.2	66.5	51.3	62.8	65.7	71.9	7				
	03 - 05	65.9	63.8	67.0	71.1	85.8	92.4	94.3	82.4	67.5	52.5	62.4	66.0	72.6	7				
	06 - 08	65.4	64.2	70.3	75.2	88.4	93.3	94.7	85.7	70.9	51.4	61.7	60.4	73.5	7				
	09 - 11	74.2	68.1	75.4	73.5	87.7	91.5	92.0	86.7	66.6	56.8	70.8	77.5	76.7	7				
	12 - 14	72.7	70.5	72.4	71.1	85.8	89.8	92.3	83.4	62.3	56.7	72.7	73.8	75.3	7				
	15 - 17	73.5	67.8	73.5	72.4	83.1	89.9	89.8	79.4	61.6	59.4	69.8	74.2	74.5	7				
	18 - 20	73.3	71.7	76.2	71.7	86.5	88.0	92.9	78.5	61.0	61.5	67.3	74.9	75.3	7				
	21 - 23	66.7	63.7	72.0	73.8	86.0	91.6	91.9	79.8	65.2	54.1	64.6	66.4	73.0	7				
	ALL	69.6	66.6	71.8	72.3	86.2	91.1	92.6	82.0	65.1	55.5	66.5	69.9	73.1	7				
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	31.3	33.1	31.0	40.0	52.2	77.8	89.1	70.6	46.9	26.3	36.3	30.4	47.1	7				
	03 - 05	29.8	29.3	31.7	41.0	51.1	75.4	90.9	74.1	46.9	28.1	34.4	31.4	47.0	7				
	06 - 08	31.4	30.5	31.7	40.9	51.0	75.6	92.1	77.1	47.9	27.7	32.7	32.1	47.6	7				
	09 - 11	38.7	31.2	32.7	42.9	54.8	77.1	88.3	77.8	46.1	28.0	38.6	37.7	49.5	7				
	12 - 14	36.4	30.6	31.2	41.0	52.8	78.0	84.1	75.1	42.5	29.0	37.8	39.8	48.2	7				
	15 - 17	36.9	31.8	31.0	38.9	54.4	79.3	83.4	70.6	44.6	31.1	40.0	41.4	48.6	7				
	18 - 20	42.6	33.7	32.8	38.8	56.1	77.7	87.5	69.7	47.3	32.0	40.7	39.3	49.8	7				
	21 - 23	36.8	30.9	33.0	39.4	56.6	80.5	86.9	69.9	45.6	29.0	34.9	34.9	48.2	7				
	ALL	35.5	31.4	31.9	40.4	53.6	77.7	87.5	73.1	46.0	28.9	36.9	35.9	46.2	7				
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	19.8	18.7	17.0	27.6	29.6	58.6	77.7	62.1	34.4	16.2	21.9	18.5	33.5	7				
	03 - 05	19.1	18.1	18.9	28.0	30.0	57.9	78.2	65.7	33.7	15.8	20.3	16.2	33.5	7				
	06 - 08	16.8	17.9	17.4	27.5	32.5	63.2	81.4	69.3	34.4	16.5	19.7	17.9	34.5	7				
	09 - 11	23.2	17.1	22.3	29.9	33.4	65.1	80.2	68.5	36.6	20.1	24.8	22.0	36.9	7				
	12 - 14	24.5	18.9	20.6	29.8	30.8	61.7	76.2	65.0	33.6	20.0	25.3	22.2	35.7	7				
	15 - 17	24.0	19.5	20.4	27.6	32.1	59.9	74.3	62.9	34.4	20.5	24.2	24.0	35.3	7				
	18 - 20	28.0	20.6	18.3	26.5	34.3	61.6	79.4	63.3	35.4	19.3	26.1	24.3	36.4	7				
	21 - 23	23.0	19.6	17.4	27.3	33.7	63.3	75.6	62.8	33.6	18.4	21.6	20.7	34.7	7				
	ALL	22.3	18.8	19.1	28.0	32.1	61.5	77.8	65.0	34.5	18.3	23.0	20.7	32.9	7				
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	4.5	4.3	3.8	3.4	3.1	14.3	35.8	28.5	15.0	4.0	4.3	3.3	10.4	7				
	03 - 05	3.0	3.4	1.7	4.8	2.4	11.2	35.2	35.8	12.1	4.0	3.4	2.3	9.9	7				
	06 - 08	2.1	4.4	1.5	4.4	2.1	14.5	48.1	40.4	14.7	4.5	3.1	2.9	11.9	7				
	09 - 11	6.8	3.6	2.4	4.7	4.2	14.7	38.2	41.1	14.7	4.9	4.8	5.6	12.1	7				
	12 - 14	6.1	3.6	3.1	4.2	4.0	13.2	27.6	29.8	14.9	4.2	2.9	7.0	10.0	7				
	15 - 17	6.9	2.5	3.4	3.2	4.4	11.0	27.9	26.6	12.6	4.5	4.0	5.4	9.4	7				
	18 - 20	5.8	3.1	2.7	3.2	5.5	15.4	38.5	31.5	12.7	5.3	5.7	2.9	11.0	7				
	21 - 23	4.4	4.7	3.8	3.7	5.1	17.3	37.9	32.3	13.8	5.8	3.3	2.9	11.2	7				
	ALL	5.0	3.7	2.8	4.0	3.8	13.9	35.7	33.2	13.8	4.6	3.9	4.0	9.6	7				
HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986: NONE																			
REMARKS : @ SUMMARY OF THE DAY (SOD) DATA WERE SUPPLEMENTED FROM:																			
AWS CLIMATIC BRIEF FOR SHEMA AFB AK (AUG 89).																			

AWS CLIMATIC BRIEF		ANCHORAGE INTL/WBAS, ALASKA										PERIOD 1931-69		WBAN # 2651		
Prepared by ETAC ( FEB 1971 )		N 61 10 W 149 59										ELEVATION 131 ft		WMO # 70273		
														STN LTRS PANC		
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							
	1	2	3	4	1	2	1	2	1	2	3	4	5	6	7	8
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							



AWS CLIMATIC BRIEF																																				
ATTU NAU/CASCO COVE CDS, ALEUTIAN IS, PERIOD 1947-58 WBAN #5709																																				
Prepared by ETAC (JUL 1971) N 52 50 E 173 10 ALASKA ELEVATION 50 FT STN LTRS PATU																																				
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN				MEAN NUMBER OF DAYS																							
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MEAN IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (JUST)	RELATIVE HUMIDITY (%)	0-400	1-1000	DEW POINT (°F)	WIND PRESSURE (in)	PRESSURE ALTITUDE	99.9%	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F)				MEAN CLOUDS (TEXT)							
																								MAXIMUM	MINIMUM											
JAN	44	34	28	16	3.7	1.3	29	10	WSW	14	120	85	84	27	15	1900			26	1	19	5	0	7	0	0	0	0	0	9						
FEB	43	34	29	16	3.3	1.2	17	9	NNE	14	92	89	87	29	16	1600			22	1	14	4	0	9	0	0	0	0	0	9						
MAR	41	34	28	17	3.7	1.6	25	7	N	13	98	88	86	28	15	1850			27	1	33	5	0	6	0	0	0	0	0	8						
APR	47	37	32	21	4.4	1.6	14	13	WSW	12	88	88	84	31	17	1500			24	1	15	2	0	6	0	0	0	17	0	9						
MAY	56	40	35	24	4.0	1.9	6	4	N	10	83	89	83	34	20	1350			20	2	0	1	0	9	0	1	3	0	9							
JUN	58	47	40	34	3.6	3.8	#	#	N	9	103	92	86	40	25	1000			15	2	0	0	0	15	0	5	0	0	9							
JUL	70	52	44	40	4.4	2.0	0	0	WSW	7	75	93	88	45	30	900			16	3	0	0	0	20	0	22	0	0	9							
AUG	68	55	48	40	7.1	6.7	0	0	SW	7	63	92	87	46	34	1000			20	5	0	0	0	24	1	29	0	0	9							
SEP	62	51	44	35	7.4	2.6	#	#	WSW	11	101	86	81	43	28	1150			20	5	0	0	0	11	0	20	0	0	8							
OCT	55	45	38	27	8.5	3.3	4	4	WSW	12	96	81	79	36	21	1450			24	5	3	1	0	0	0	3	3	0	8							
NOV	47	39	33	18	6.1	1.8	11	10	W	13	104	86	83	32	18	1850			25	4	10	2	0	5	0	0	13	0	9							
DEC	49	36	29	14	5.9	2.0	25	20	W	14	138	85	84	29	16	1950			27	3	18	4	0	5	0	0	0	0	9							
ANN	70	42	36	14	62.1	6.7	131	20	WSW	11	138	88	84	35	20	1550			266	33	108	24	#	129	1	00	131	0	9							
EYR	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8						
REMARKS																																				
RUSSMO POR: HRLY OBS: JAN 47-JAN 51, AUG 54-JUN 58. DAILY OBS: JAN 47-JAN 51, AUG 54-JUN 58.																																				
NOTE: *DATA NOT AVAILABLE. LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.																																				
FLYING WEATHER (% FREQ): HOURS (LST)																							JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	70	73	74	68	76	80	84	75	68	54	64	70	71	6																					
	03-05	72	75	74	69	76	87	84	76	62	54	65	64	70	6																					
	06-08	72	74	76	65	76	85	83	75	67	53	65	65	71	6																					
	09-11	70	76	72	70	77	82	81	73	65	56	65	70	71	6																					
	12-14	64	74	71	70	74	77	79	71	62	58	61	72	69	6																					
	15-17	67	78	72	71	74	74	75	71	62	58	63	71	70	6																					
	18-20	70	78	75	70	75	78	78	72	65	55	66	71	71	6																					
	21-23	73	78	78	72	81	84	83	74	68	62	64	70	74	5																					
	ALL HOURS	70	76	74	69	76	81	81	74	65	56	64	69	71																						
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	30	35	31	26	30	41	54	49	26	17	13	23	31	6																					
	03-05	30	33	30	25	30	44	56	52	23	15	13	15	31	6																					
	06-08	28	34	27	25	30	46	56	46	20	14	12	22	30	6																					
	09-11	27	32	31	24	29	45	59	44	21	14	17	27	31	6																					
	12-14	30	30	29	29	25	37	54	43	22	14	17	31	30	6																					
	15-17	30	41	29	26	26	30	47	46	23	18	17	28	30	6																					
	18-20	29	39	32	24	29	34	49	45	21	16	18	20	30	6																					
	21-23	29	38	33	29	28	40	56	50	26	16	13	27	30	5																					
	ALL HOURS	29	35	30	26	29	40	54	47	23	15	15	25	31																						
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	16	19	19	14	13	29	39	39	17	10	7	14	20	6																					
	03-05	19	19	17	15	11	32	40	41	16	6	7	0	19	6																					
	06-08	16	17	17	18	18	33	45	37	14	4	7	10	20	6																					
	09-11	18	24	21	18	17	32	49	37	14	9	11	15	22	6																					
	12-14	22	19	22	21	16	24	43	36	16	10	11	21	22	6																					
	15-17	24	28	21	20	12	20	36	34	13	13	12	20	21	6																					
	18-20	23	28	23	18	15	24	37	34	15	9	12	19	21	6																					
	21-23	17	23	17	17	16	29	42	38	18	9	6	17	21	5																					
	ALL HOURS	19	22	20	18	15	28	41	37	15	9	9	16	21																						
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	3	4	4	2	1	10	6	9	1	0	2	2	4	6																					
	03-05	4	4	5	2	#	9	8	7	#	0	1	2	4	6																					
	06-08	3	6	4	5	2	10	10	9	1	#	2	2	5	6																					
	09-11	3	4	5	5	4	7	9	9	1	#	1	2	4	6																					
	12-14	4	3	5	5	4	3	6	6	2	#	2	4	4	6																					
	15-17	5	5	5	5	2	3	5	7	#	1	3	5	4	6																					
	18-20	4	0	7	3	3	5	7	7	#	1	3	6	4	6																					
	21-23	3	4	5	2	2	7	7	8	#	#	1	4	4	5																					
	ALL HOURS	4	5	5	4	2	7	7	8	1	#	2	3	4																						

## AWS CLIMATIC BRIEF

BARRON/WILEY POST-WILL ROGERS MEM. ALASKA PERIOD 1920-10

WBAN	27502
WMO	70026

WMO # 70026

Prepared by ETAC ( AUG 1971

N 71 17 W 156 46

FIELD ELEVATION: 44 11 STN LTRS PARR (REL)

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)				MEAN				MEAN NUMBER OF DAYS										MEAN CLOUDS (TENTHS)					
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SHOWFALL	MAX SHOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME FASTEST SPEED (MILES) <sup>1,2</sup>	0400 RELATIVE HUMIDITY (%)	1300 (%)	DEW POINT (°F)	VAPOR PRESSURE (in)	PRESSURE ALTITUDE	99.95%	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SHOWFALL ≥ 0.1	SHOWFALL ≥ 1.5	THUNDERSTORMS	FOUR (< 7 MILES)	TEMPERATURE (°F)								
																								MAXIMUM				MINIMUM				
																								IV	V	VI		VII	32	32	32	32
JAN	35	-9	-23	-53	0.2	0.7	2	5	E	10	43	65	65	64	.01	900	4	#	6	#	0	12	0	#	31	29	5					
FEB	32	-12	-24	-55	0.2	0.4	2	4	ENE	10	42	63	63	68	.01	850	4	0	6	#	0	11	0	#	28	27	5					
MAR	33	-6	-21	-52	0.1	0.7	2	7	ENE	10	50	63	65	74	.01	800	4	#	5	#	0	10	0	#	31	30	5					
APR	42	7	-7	-42	0.1	0.4	2	4	ENE	10	35	70	72	-8	.03	800	4	0	6	#	0	10	0	1	30	22	6					
MAY	45	24	13	-16	0.1	0.3	2	5	ENE	10	34	67	84	16	.09	600	4	0	6	#	0	18	0	5	31	4	8					
JUN	70	38	29	4	0.4	0.8	1	3	E	10	30	94	90	31	.17	550	4	#	2	#	#	21	2	25	24	0	8					
JUL	78	45	33	22	0.8	0.9	1	6	E	10	30	94	83	36	.21	650	9	#	1	#	✓	23	9	31	15	0	6					
AUG	76	43	33	20	0.9	0.8	1	3	E	11	31	95	89	36	.21	750	10	#	2	#	✓	22	6	29	16	0	9					
SEP	62	34	27	1	0.6	0.6	3	5	E	11	38	92	88	28	.15	800	9	#	6	#	0	18	1	16	26	0	9					
OCT	43	21	12	-32	0.5	1.0	7	15	ENE	12	46	84	64	12	.08	1000	11	#	14	1	0	16	0	2	31	6	9					
NOV	39	5	-7	-40	0.2	0.4	4	6	ENE	11	47	75	75	-6	.03	1000	6	0	8	#	0	13	0	#	30	21	7					
DEC	34	-5	-17	-55	0.2	0.3	3	5	ENE	10	38	66	66	-21	.02	1000	5	0	7	#	0	12	0	#	31	29	5					
ANN	73	15	4	-56	4.3	1.0	30	15	ENE	10	11	79	77	4	.05	900	74	#	71	1	#	186	18	109	324	168	7					
EYR	50	30	30	50	30	49	50	50	24	41	50	24	24	24	23	50	24	24	24	50	24	24	24	50	50	50	24					

REMARKS

<sup>1</sup> MEANS AND EXTREMES INCLUDED FROM THE 1970 NOAA/EDS LOCAL CLIMATOLOGICAL DATA.

<sup>b</sup>FASTEST MILE CONVERTED TO KNOTS.

RUSSMO POR: HRLY AND DAILY OBS: JAN-JUN 45, AUG 45-DEC 68.

NOTE: \*DATA NOT AVAILABLE. LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	30	25	18	29	72	65	53	71	78	65	49	31	49	20
	03-05	28	27	22	33	72	66	54	73	80	66	50	31	50	19
	06-08	29	28	26	35	71	67	55	73	80	70	51	35	52	20
	09-11	31	27	23	30	67	64	49	69	78	67	53	26	50	20
	12-14	32	23	18	28	67	62	48	65	76	64	52	34	47	20
	15-17	30	24	18	27	67	60	46	65	74	69	53	33	47	20
	18-20	32	24	22	28	68	61	48	66	77	73	54	33	49	20
	21-23	34	23	20	29	72	62	52	70	80	65	50	31	49	19
	ALL HOURS	31	25	21	30	70	64	51	69	78	68	52	33	49	
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	23	20	11	22	61	58	47	61	64	47	34	22	39	20
	03-05	23	21	13	25	60	59	48	63	64	45	33	22	40	19
	06-08	21	20	17	26	58	61	48	62	64	48	36	22	40	20
	09-11	23	20	16	23	56	59	42	61	64	50	40	25	40	20
	12-14	26	18	14	22	56	56	42	56	61	45	37	26	38	20
	15-17	24	19	13	20	53	54	40	54	60	49	36	24	37	20
	18-20	26	18	15	19	56	53	42	54	65	53	37	23	38	20
	21-23	27	17	13	19	60	56	46	60	67	47	34	23	39	19
	ALL HOURS	24	19	14	22	58	57	44	59	63	48	36	23	39	
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	16	14	7	15	48	49	42	52	47	26	22	14	29	20
	03-05	16	15	9	17	49	49	42	53	48	27	20	15	30	19
	06-08	15	14	11	18	44	52	42	52	46	28	22	14	30	20
	09-11	16	12	10	16	40	51	36	50	46	30	24	16	29	20
	12-14	19	12	9	16	38	46	35	44	43	29	25	17	28	20
	15-17	18	12	8	13	34	43	35	42	41	29	25	16	26	20
	18-20	19	12	9	11	38	45	38	45	47	30	24	14	28	20
	21-23	19	12	7	12	43	47	43	51	49	27	20	14	29	19
	ALL HOURS	17	13	9	15	42	48	39	49	46	28	23	15	29	
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	5	3	3	3	8	12	12	13	3	3	4	2	6	20
	03-05	5	4	2	5	8	11	10	11	4	3	3	2	6	19
	06-08	5	4	3	1	6	7	8	8	3	2	4	2	5	20
	09-11	6	2	2	2	2	4	4	4	2	3	4	2	3	20
	12-14	5	2	2	1	2	4	3	3	2	3	5	3	3	20
	15-17	5	3	2	2	1	4	3	3	2	3	5	4	3	20
	18-20	4	3	2	2	3	5	6	5	4	2	4	4	4	20
	21-23	5	2	2	1	6	9	11	9	3	2	5	3	5	19
	ALL HOURS	5	3	2	2	4	7	7	7	3	2	4	3	4	



		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG T 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	36.5	21.5	19.1	26.2	61.7	46.9	40.4	52.2	58.9	60.1	34.6	30.5	40.7	10
	03 - 05	35.6	23.9	21.8	26.1	63.7	49.2	49.4	55.4	63.1	62.3	36.6	30.0	43.1	10
	06 - 08	31.7	24.5	23.1	25.9	60.9	50.5	52.5	57.9	61.6	61.2	35.0	30.3	42.9	10
	09 - 11	33.7	25.6	22.6	25.8	56.3	44.4	44.5	54.1	59.5	58.5	35.7	29.2	40.8	10
	12 - 14	33.4	22.5	22.0	22.6	49.8	37.7	36.4	47.7	56.5	55.3	35.1	28.4	37.3	10
	15 - 17	33.4	22.3	20.1	22.8	53.0	36.5	31.3	46.2	54.7	56.2	35.9	27.8	36.7	10
	18 - 20	37.4	22.0	17.3	24.1	55.8	35.8	31.0	45.4	54.8	54.4	33.6	29.3	36.7	10
	21 - 23	38.1	19.4	18.5	26.2	57.7	40.1	37.0	46.0	58.8	55.6	34.4	30.6	38.5	10
	ALL	34.9	22.8	20.6	24.9	57.4	42.6	40.3	50.7	58.5	58.0	35.1	29.5	39.9	10
CIG T 1500 FT AND/OR VSBY LT 3 MI	00 - 02	31.7	21.1	15.7	21.6	54.7	44.8	37.2	44.7	49.0	51.4	29.1	24.8	35.5	10
	03 - 05	30.7	22.7	17.4	21.1	56.7	46.7	44.8	47.7	52.7	50.3	30.7	23.8	37.1	10
	06 - 08	27.6	20.7	18.7	20.2	52.2	46.8	47.3	50.4	53.3	48.4	28.8	24.3	36.6	10
	09 - 11	29.4	22.6	19.3	21.2	48.0	40.3	38.7	48.4	49.9	48.1	28.8	24.9	35.0	10
	12 - 14	28.9	20.8	18.7	19.4	43.7	34.1	32.0	41.7	46.8	43.4	28.3	23.2	31.7	10
	15 - 17	30.2	19.7	16.2	18.5	45.9	32.5	27.7	39.7	44.6	46.0	30.8	22.9	31.2	10
	18 - 20	33.4	20.3	13.8	18.8	47.2	33.8	27.0	37.9	46.2	46.6	27.9	24.6	31.5	10
	21 - 23	33.8	18.7	15.7	20.2	49.6	38.4	32.0	39.3	47.9	48.1	27.1	25.0	33.0	10
	ALL	30.6	20.9	17.0	20.2	49.8	39.7	35.8	43.8	48.8	47.8	29.0	24.2	34.2	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	25.0	16.2	12.0	14.5	42.0	42.8	35.0	37.0	36.8	31.4	15.7	17.3	27.1	10
	03 - 05	23.3	18.1	12.1	13.8	44.5	43.0	42.8	39.8	38.5	28.6	16.5	17.6	28.2	10
	06 - 08	21.7	18.1	12.5	13.7	40.5	43.5	44.8	42.2	40.7	28.0	15.6	16.2	28.1	10
	09 - 11	21.1	19.0	14.0	15.1	36.9	36.2	35.6	41.3	40.3	29.0	17.1	15.2	26.7	10
	12 - 14	20.1	17.6	14.9	14.1	33.6	29.5	28.8	34.7	36.5	26.6	18.2	15.8	24.2	10
	15 - 17	22.7	16.2	12.7	13.3	32.3	29.9	25.7	32.1	36.4	29.1	20.0	16.4	23.9	10
	18 - 20	24.3	15.7	11.2	13.3	35.5	30.0	25.3	31.1	37.1	28.2	17.4	17.7	23.9	10
	21 - 23	26.4	15.9	10.8	14.2	37.3	35.0	30.4	33.8	37.1	30.9	15.9	18.5	25.5	10
	ALL	23.0	17.2	12.6	14.0	37.8	36.2	33.6	36.6	37.9	28.9	17.1	16.8	26.2	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	6.8	5.7	3.3	2.3	6.2	11.9	17.0	12.5	12.6	2.8	2.0	3.1	7.2	10
	03 - 05	6.1	5.5	3.4	1.9	7.2	10.4	20.6	11.6	10.9	2.4	2.1	2.7	7.1	10
	06 - 08	5.5	6.2	4.2	2.7	6.0	8.5	15.8	13.8	12.4	3.1	1.3	1.8	6.8	10
	09 - 11	6.3	6.0	3.5	2.4	2.2	4.8	9.4	11.9	8.8	4.6	2.4	2.2	5.4	10
	12 - 14	5.7	6.5	3.6	1.4	.7	2.4	6.3	8.5	8.1	4.3	3.7	2.6	4.5	10
	15 - 17	7.9	6.3	2.9	2.2	.9	3.3	6.2	9.0	8.9	3.7	3.8	4.5	5.0	10
	18 - 20	7.1	6.6	2.7	2.1	3.1	5.6	9.7	9.1	11.4	2.5	2.5	5.4	5.6	10
	21 - 23	10.1	5.2	2.6	2.9	5.0	7.5	12.3	12.0	14.9	2.5	1.8	4.9	6.8	10
	ALL	6.8	6.0	3.3	2.2	3.9	5.8	12.2	11.1	11.0	3.3	2.5	3.3	6.1	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @ HEATING/COOLING DEGREE DAY AND MAX WIND SPEED DATA SUPPLEMENTED FROM:

LOCAL CLIMATOLOGICAL DATA (1988) FOR BARTER ISLAND ALASKA (SOD POR 1947-1988).

@@ MEAN DEW POINT/WET BULB TEMPERATURES UNRELIABLE IN WINTER MONTHS. DEW POINTS NOT REPORTED WHEN TEMPERATURE IS BELOW -35 DEG F. (SEE BARTER ISLAND SOCS, NOTE 1, PAGE E-1-2).

## AWS CLIMATIC BRIEF

BETHEL MUNI APT/WBAS, ALASKA

PERIOD 1931-60

WBAN # 26615

WMO # 70219

Prepared by ETAC ( FEB 1971

N60 47 W161 50

ELEVATION: 140 11 STN LTRS PAGE

[illegible]

REMARKS :

<sup>1</sup> Refers to highest hourly wind speed class interval

\* Means from 1969 NOAA/NDG Local Climatological Data Annual Summary were included

Annual extreme exceeded at others sites in locality: Ext Max Temp: 90° in Jun 1926

PLS C PLS: Early and Daily Obs: Jan 45 - Apr 65

NOTE: \*DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
010 less than 1500 feet and/or WIND less than 3 miles	00 - 02	30	36	30	33	29	32	42	50	35	22	33	32	34	
	03 - 05	20	32	33	37	34	35	53	57	41	32	34	31	35	
	06 - 08	31	37	34	33	35	44	57	60	41	35	35	32	40	
	09 - 11	31	29	32	35	35	45	56	62	41	35	32	31	40	
	12 - 14	25	24	27	32	35	41	54	62	45	30	30	30	37	
	15 - 17	20	24	27	31	31	33	45	54	39	35	32	33	34	
	18 - 20	30	26	29	29	26	27	37	47	33	33	34	32	32	
	21 - 23	30	29	31	31	26	27	36	47	34	31	33	32	32	
	ALL HOURS	30	27	30	33	31	36	48	55	39	34	33	32	36	20
010 less than 1500 feet and/or WIND less than 3 miles	00 - 02	21	20	22	20	18	17	29	33	20	16	19	20	21	
	03 - 05	23	21	24	26	23	23	41	42	26	18	21	21	26	
	06 - 08	22	21	26	23	25	35	47	47	27	21	20	21	23	
	09 - 11	22	19	24	26	21	23	43	47	25	22	21	22	27	
	12 - 14	21	16	20	20	16	13	31	37	21	21	20	21	22	
	15 - 17	22	17	19	17	13	12	23	20	17	13	21	21	19	
	18 - 20	20	17	19	20	12	10	22	27	16	17	21	20	19	
	21 - 23	20	20	21	20	14	12	24	29	17	16	20	19	19	
	ALL HOURS	21	19	22	22	13	20	33	36	21	19	20	21	23	20
010 less than 1500 feet and/or WIND less than 3 miles	00 - 02	15	14	1	14	13	13	21	22	14	11	14	13	10	
	03 - 05	16	15	10	19	17	22	32	32	20	12	15	14	19	
	06 - 08	16	14	12	20	20	25	30	37	22	14	14	12	21	
	09 - 11	16	13	16	17	14	15	27	30	17	15	16	15	17	
	12 - 14	16	11	12	12	7	6	16	20	12	13	14	15	13	
	15 - 17	17	12	13	11	7	4	12	15	10	10	15	16	12	
	18 - 20	16	12	13	14	7	4	13	17	9	11	14	14	12	
	21 - 23	14	14	15	15	9	7	17	19	10	11	15	13	13	
	ALL HOURS	16	13	15	15	12	12	22	24	14	12	15	14	15	20
010 less than 1500 feet and/or WIND less than 1/2 mile	00 - 02	3	3	2	1	3		1	2	1	1	2		2	
	03 - 05	4	3	3	2	4	3		4	4	2	3	2	3	
	06 - 08	3	3	2	3	2	1	2	4	4	3	2	2	3	
	09 - 11	3	3	1	2	1	0	0	1	1	1	3	3	2	
	12 - 14	2	2	1			0	0		0	1	2	2	1	
	15 - 17	2	2	1	1		0	0	0	2	1	2	3	1	
	18 - 20	2	2	1	1		0	0			1	2	2	1	
	21 - 23	2	2	2	1	1		0			1	1	2	1	
	ALL HOURS	3	3	2	1	1	1	1	1	1	1	2	2	2	20

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BETTLES, AK  
LOCATION: 66°55', 151°31'W  
PREPARED BY: USAFETAC/ECR, APR 1987

STATION #: 701740  
ELEVATION (FEET): 651  
PERIOD: VARIED

ICAO ID: PABT  
LST = GMT -9

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	48	40	44	56	86	92	92	87	79	53	45	38	92
MEAN DLY MAX	2	-5	-1	14	31	52	67	69	62	49	25	6	-4	31
MEAN	2	-13	-10	3	20	43	57	59	53	40	19	-1	-11	22
MEAN DLY MIN	2	-21	-19	-7	9	33	46	48	44	32	12	-8	-19	13
EXTREME MIN	2	-70	-60	-56	-26	-10	27	29	22	2	-32	-57	-59	-70
# DAYS > 70	2	0	0	0	0	1	12	15	6	#	0	0	0	35
# DAYS < 32	2	31	28	31	29	14	#	#	2	15	30	30	31	241
# DAYS < 0	2	26	24	22	9	#	0	0	0	0	7	20	25	132
2. PRECIPITATION (INCHES)														
MAXIMUM	2	3.42	2.94	3.60	1.88	1.45	3.59	5.42	5.91	4.14	3.82	3.05	1.97	5.91
MEAN	2	.73	.65	.68	.61	.50	1.37	1.85	2.43	1.74	1.15	.89	.79	13.39
MINIMUM	2	#	#	#	.01	.04	#	0.46	0.41	.13	.12	.08	.13	0
MAX 24 HR	2	1.40	.74	.87	.98	.65	1.93	1.46	1.87	1.31	1.32	.78	.65	1.93
# DAYS > 0.01	2	.68	6.4	7.3	5.6	.65	9.4	10.6	12.9	10.7	10.9	10.0	8.9	106
# DAYS > 0.5	2	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	2	11.3	8.9	9.7	8.0	1.2	#	0	0.1	1.6	11.6	12.9	13.1	78.3
MAXIMUM	2	55.8	29.5	30.4	34.7	12.0	#	*	2.6	9.4	28.3	1.6	33.1	55.8
MAX 24 HR	2	21.7	7.4	10.0	10.8	6.7	#	*	2.6	5.6	10.8	13.0	11.1	21.7
# DAYS > 0.1	2	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.0	2	3.2	2.6	3.2	1.9	*.3	0	0	.1	.8	4.6	4.5	4.8	26.1
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (03 LST)	1	73	71	69	73	73	77	85	88	85	80	77	73	77
RH (14 LST)	1	69	65	62	59	44	46	51	57	62	73	74	74	61
VAPOR PRESS	1	.04	.04	.05	.09	.17	.28	.34	.32	.21	.10	.05	.03	.14
DEWPOINT	1	4	5	2	13	29	42	48	45	33	14	1	10	19
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$N	N	NNW	N	N	N	\$W	\$N	N	N	N	N	N
MEAN SPEED	1													
(PVLG DRCTN)	1	7	7	7	8	8	7	6	6	7	7	7	7	7
MEAN SPEED	1													
(ALL OBS)	1	5	5	7	7	7	7	6	6	6	6	6	5	6
MAX (PK GST)	1	36	32	33	28	30	38	25	35	27	36	35	34	38
PRESSURE ALT	1	1650	1700	1450	1400	1250	1200	1150	1200	1550	1650	1750	1850	1850
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	3	3	4	4	5	5	5	5	5	4	3	4
DAYS TSTMS	2	0	0	0	0	#	2	3	#	#	0	0	0	5
DAYS FOG < 7	1	9	7	8	7	2	3	4	8	9	12	11	10	90
DAYS BNBD < 7	1	0	0	0	0	#	0	0	0	0	0	#	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8312, HRLY  
 2. NATIONAL CLIMATIC DATA CENTER SUMMARY, 29-35 YEARS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	12	9	12	4	7	10	10	16	22	18	15	12
03-05 LST	12	11	11	14	6	9	11	17	18	26	17	14	14
06-08 LST	14	12	14	15	7	13	14	25	25	26	17	15	16
09-11 LST	14	11	11	12	7	15	17	28	27	26	21	14	17
12-14 LST	12	11	11	9	5	12	14	21	25	26	19	14	15
15-17 LST	14	10	10	8	4	8	10	12	21	26	23	16	13
18-20 LST	15	13	9	8	3	7	7	10	19	27	22	13	13
21-23 LST	13	14	9	10	3	6	7	10	17	26	21	15	13
ALL HOURS	13	12	11	11	5	9	11	17	21	26	20	14	14

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	9	6	8	2	4	6	5	10	14	11	11	8
03-05 LST	9	8	7	8	3	5	8	10	11	18	11	10	9
06-08 LST	11	8	9	10	3	7	8	18	17	17	12	11	11
09-11 LST	11	7	8	6	3	7	8	17	17	17	14	9	10
12-14 LST	9	7	7	5	2	4	6	8	12	15	12	10	8
15-17 LST	11	8	6	4	1	3	4	4	8	15	12	11	7
18-20 LST	11	9	6	5	#	3	3	4	9	17	15	10	8
21-23 LST	10	10	6	5	#	2	3	5	10	15	14	10	7
ALL HOURS	10	8	7	6	2	4	6	9	12	16	13	10	9

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	6	4	5	#	2	3	3	6	10	7	6	5
03-05 LST	6	5	5	5	1	3	5	6	8	11	6	7	6
06-08 LST	7	5	6	5	2	3	4	13	11	10	7	7	7
09-11 LST	7	5	3	3	1	2	4	9	10	11	9	6	6
12-14 LST	6	5	4	2	1	1	3	4	6	10	9	6	5
15-17 LST	8	5	4	2	1	1	1	2	3	9	9	5	4
18-20 LST	8	6	3	2	0	2	1	2	5	10	9	6	4
21-23 LST	7	7	3	3	#	1	1	2	6	9	9	5	4
ALL HOURS	7	5	4	4	1	2	3	5	7	10	9	6	5

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	0	#	1	#	1	#	1	1	#
03-05 LST	1	1	1	0	#	0	1	2	#	1	#	#	1
06-08 LST	1	#	1	#	#	#	#	2	2	1	#	#	1
09-11 LST	1	#	#	0	0	0	0	#	1	1	1	#	#
12-14 LST	#	#	#	0	#	#	0	#	0	1	1	#	#
15-17 LST	1	1	#	#	#	0	0	0	#	1	#	0	#
18-20 LST	#	0	0	#	0	0	0	#	#	1	1	1	#
21-23 LST	1	#	#	#	#	0	0	0	#	#	1	#	#
ALL HOURS	1	#	#	#	#	#	#	1	1	1	1	#	#

# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: BETTLES, AK  
 LOCATION: 66°55'N, 151°31'W  
 PREPARED BY: USAFETAC/ECR, APR 1987

STATION #: 701740  
 ELEVATION (FEET): 651  
 PERIOD: 7301-8312, HRLY

ICAO ID: PABT  
 LST = GMT -9

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	#	#	#	0	0	0	#
03-05 LST	0	0	0	#	0	#	#	0	0	0	0	0	#
06-08 LST	0	0	#	0	0	#	0	#	#	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	#	0	0	#	0	1	1	#	0	0	0	0	#
15-17 LST	0	0	0	0	0	#	2	#	0	0	0	0	#
18-20 LST	0	0	0	0	#	1	1	1	0	0	0	0	#
21-23 LST	0	0	0	0	0	#	#	#	0	0	0	0	#
ALL HOURS	#	0	#	#	#	#	1	#	#	0	0	0	#

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	1	4	9	8	12	12	2	1	#	4
03-05 LST	#	#	0	2	5	10	10	12	13	2	#	0	4
06-08 LST	#	#	#	2	5	9	12	11	15	1	#	0	5
09-11 LST	0	1	0	2	5	8	10	9	13	1	#	#	4
12-14 LST	#	#	#	2	7	9	11	11	10	2	#	#	5
15-17 LST	#	#	#	1	4	9	10	9	13	2	#	#	4
18-20 LST	#	#	#	2	4	9	10	12	13	2	0	0	4
21-23 LST	#	#	0	1	5	10	8	11	11	2	#	#	4
ALL HOURS	#	#	#	2	5	9	10	11	13	2	#	#	4

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	16	19	13	1	#	0	0	5	24	23	20	11
03-05 LST	12	15	18	15	2	1	0	0	5	28	24	18	11
06-08 LST	15	16	19	17	2	0	0	#	7	23	26	20	12
09-11 LST	13	11	17	11	1	#	0	#	5	23	26	16	10
12-14 LST	15	11	16	9	1	0	0	0	4	22	27	17	10
15-17 LST	16	10	15	7	#	#	0	0	3	22	24	19	10
18-20 LST	16	14	15	8	1	0	0	#	4	23	26	21	11
21-23 LST	17	17	17	11	0	0	#	0	6	25	27	22	12
ALL HOURS	15	14	17	11	1	#	#	#	5	24	26	19	11

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	#	#	#	#	#	0	#	#	1	#	#
03-05 LST	1	1	#	#	#	0	0	0	0	#	#	#	#
06-08 LST	1	#	1	0	#	#	#	#	#	#	#	#	#
09-11 LST	1	#	1	#	1	#	#	#	#	1	1	#	1
12-14 LST	1	0	1	1	#	1	#	1	1	1	1	1	1
15-17 LST	1	#	2	1	1	2	1	1	#	1	#	#	1
18-20 LST	1	#	1	#	1	1	#	0	0	#	1	#	#
21-23 LST	1	1	1	0	#	#	#	0	0	#	#	#	#
ALL HOURS	1	#	1	#	#	1	#	#	#	#	1	#	#



REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8312, HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	6	3	5	#	1	2	2	5	8	7	6	4
03-05 LST	5	4	4	4	1	2	3	5	5	8	6	7	5
06-08 LST	7	5	5	5	1	3	2	9	7	9	6	6	5
09-11 LST	6	5	3	3	1	1	1	5	7	10	9	5	5
12-14 LST	5	4	3	2	1	1	1	2	3	8	8	6	4
15-17 LST	7	5	4	1	#	#	#	1	2	8	8	5	4
18-20 LST	7	5	3	2	0	#	#	1	3	8	8	6	4
21-23 LST	6	6	3	3	#	1	1	2	4	7	8	5	4
ALL HOURS	6	5	4	3	1	1	1	4	5	8	8	6	4

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	1	2	0	1	1	1	3	4	3	3	2
03-05 LST	3	3	2	2	1	2	2	3	3	3	4	3	2
06-08 LST	5	3	3	3	1	1	1	4	5	5	4	3	3
09-11 LST	5	3	2	2	#	#	#	2	4	6	5	3	3
12-14 LST	3	3	2	1	#	#	#	1	2	5	5	3	2
15-17 LST	4	4	2	1	#	0	0	1	2	5	4	1	2
18-20 LST	4	3	1	2	0	0	0	#	2	4	5	3	2
21-23 LST	4	3	1	1	#	#	0	#	3	3	5	3	2
ALL HOURS	4	3	2	2	#	1	#	2	3	4	4	3	2

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	1	2	0	1	1	#	3	2	2	2	2
03-05 LST	2	3	2	1	#	1	1	2	2	2	2	2	2
06-08 LST	3	2	2	2	#	1	#	3	3	4	2	2	2
09-11 LST	3	2	2	1	#	0	0	1	2	5	4	1	2
12-14 LST	2	2	1	#	#	#	#	1	1	4	4	2	1
15-17 LST	3	3	1	1	#	0	0	#	1	4	3	1	1
18-20 LST	3	1	#	1	0	0	0	#	1	3	3	2	1
21-23 LST	3	2	1	1	#	0	0	#	2	2	4	1	1
ALL HOURS	3	2	1	1	#	#	#	1	2	3	3	2	2

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	#	0	#	#	0	#	0	#	#	#
03-05 LST	1	#	#	0	#	0	#	#	#	1	#	0	#
06-08 LST	1	#	0	#	#	0	0	1	1	#	#	#	#
09-11 LST	#	0	#	0	0	0	0	#	#	#	#	0	#
12-14 LST	#	0	0	0	#	#	0	0	0	#	#	0	#
15-17 LST	0	#	0	0	#	0	0	0	0	#	0	0	#
18-20 LST	#	0	0	0	0	0	0	0	#	#	0	0	#
21-23 LST	0	0	0	0	#	0	0	0	#	#	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

AWS	STATION NAME: BIG DELTA/ALLEN AAF AK										FIELD ELEV: 1276 FT				
CLIMATIC BRIEF (LIMITED)	LATITUDE/LONGITUDE: 64 00 N 145 44 W										STATION MSC: 702670/702673				
	HOURLY OBS POR: JAN 80 - DEC 89										CALL SIGN: BIG/PABI				
	SUMMARY OF DAY POR: OCT 45-DEC 64, AUG 74-DEC 89 (FULL TIME), JAN 65-JUL 74 (PART TIME)														
AUG 90	HOURS SUMMARIZED: 00 - 23 LST EXCEPT VARIABLE HOURS (6501-7407)										SUPERSEDES: OCT 70				
	LST TO UTC: +09														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	48	51	58	72	90	92	91	88	79	66	52	55	92	48	
MEAN MAX TEMP (F)	3	11	24	40	57	67	69	65	53	32	13	5	36	44	
MEAN TEMP (F)	-4	2	13	30	47	57	60	55	44	25	7	-3	28	44	
MEAN MIN TEMP (F)	-12	-7	2	20	37	47	51	46	35	18	-1	-10	19	44	
EXTRM MIN TEMP (F)	-61	-60	-49	-37	-1	30	32	22	-2	-39	-47	-62	-62	48	
D/W TEMP GE 80 (F)	0	0	0	0	1	2	3	1	0	0	0	0	7	44	
D/W TEMP GE 70 (F)	0	0	0	#	2	10	15	8	1	0	0	0	36	44	
D/W TEMP LT 33 (F)	31	28	30	26	8	#	#	1	10	28	30	31	223	44	
D/W TEMP LT 0 (F)	20	17	13	3	0	0	0	0	#	3	14	20	90	44	
HEATING DEGREE DAYS	2213	1764	1659	1029	567	247	165	297	627	1243	1722	2164	13697	30	
COOLING DEGREE DAYS	0	0	0	0	0	10	10	9	0	0	0	0	29	30	
MEAN DEWPOINT TEMP (F)	*	*	*	12	27	38	45	40	30	16	*	*	*	10	
MEAN WET BULB TEMP (F)	*	*	*	25	39	48	52	47	38	22	*	*	*	10	
99.95% WCPA (FT)	2700	2700	2300	2300	2050	1950	1750	1950	2100	2400	2600	2700	2350	10	
MEAN REL HUM 07 LST(%)	62.0	61.7	60.9	57.1	54.5	61.1	71.2	73.3	71.9	73.6	68.0	61.7	64.9	10	
MEAN REL HUM 13 LST(%)	60.0	56.5	45.4	37.4	36.4	44.3	52.3	52.4	52.9	66.4	66.7	61.5	52.6	10	
MAX 24HR PRECIP (IN)	.73	.44	.38	.94	1.16	2.14	2.06	1.26	1.17	.54	.43	.90	2.14	47	
MAX PRECIP (IN)	1.35	1.33	1.12	1.98	3.07	5.42	6.18	3.72	3.01	2.07	1.38	2.57	17.73	47	
MEAN PRECIP (IN)	.37	.28	.25	.27	.94	2.44	2.66	1.92	1.06	.66	.45	.38	11.69	44	
MIN PRECIP (IN)	#	#	#	#	.02	.51	.71	.62	.14	#	.03	#	6.02	47	
D/W PRECIP GE .01 (IN)	6	5	5	5	6	12	13	12	9	9	8	7	97	44	
D/W PRECIP GT .50 (IN)	#	0	0	#	1	1	1	1	1	#	0	#	5	44	
MAX 24HR SNFL (IN)	8.5	5.5	6.4	10.0	9.3	#	0	#	8.0	10.4	5.8	10.0	10.4	44	
MAX SNFL (IN)	20.9	15.9	24.9	19.0	10.9	#	0	#	14.0	19.8	24.7	29.0	84.2	44	
MEAN SNFL (IN)	5.8	4.4	4.2	3.1	.7	#	0	#	1.7	9.2	7.5	5.9	42.4	44	
D/W SNFL GE .1 (IN)	6	5	5	4	1	0	0	0	1	9	8	7	46	44	
D/W SNFL GE 1.5 (IN)	1	1	1	1	#	0	0	0	1	2	2	1	10	44	
MAX DLY SNO DEPTH (IN)	55	59	50	40	13	#	0	#	6	14	19	49	59	44	
PRVING WND DIR (DEG)	11-13	11-13	08-10	26-28	23-25	23-25	23-25	23-25	08-10	11-13	11-13	11-13	11-13	10	
MEAN WND SPD (KTS)	11	9	8	7	7	6	5	6	7	7	9	11	9	10	
MAX WND SPD (KTS)	65	52	55	52	48	44	55	41	57	50	49	55	65	23	
SKY COVER GT 5/10 (%)	56.8	59.7	49.3	59.7	70.2	73.8	75.5	75.4	75.3	77.0	64.8	57.6	66.3	10	
D/W THUNDERSTORMS	0	0	0	#	1	2	2	1	0	0	0	0	6	44	
D/W FOG (VSBY LT 7 MI)	11	8	5	4	2	2	3	5	7	10	9	10	76	44	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY		(00-02, 03-05 GROUPS SET TO MISSING BECAUSE OF LOW OBS COUNTS)												MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
LST		00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CIG		03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LT 3000 FT		06 - 08	13.3	13.9	10.3	10.6	10.9	17.1	15.2	22.2	22.3	36.1	20.7	11.5	17.0	10													
AND/OR		09 - 11	17.3	16.8	8.6	10.3	11.9	16.5	17.9	22.8	22.5	37.3	21.3	13.9	18.1	10													
VSBY		12 - 14	15.0	14.8	7.0	9.2	9.6	12.4	14.4	20.7	21.3	36.0	18.4	14.6	16.1	10													
LT 3 MI		15 - 17	14.6	13.3	7.4	8.0	7.2	10.6	9.7	15.1	16.7	31.6	19.4	14.7	14.0	10													
		18 - 20	13.1	12.3	6.9	8.2	7.5	8.3	8.5	12.2	14.7	30.8	18.7	13.6	12.9	10													
		21 - 23	14.6	12.8	6.1	7.4	9.1	8.2	8.6	12.8	20.2	34.2	23.2	12.8	14.2	10													
ALL			14.2	14.0	7.8	9.1	9.4	13.1	12.9	18.4	19.3	34.4	20.0	13.7	15.6	10													
CIG		00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LT 1500 FT		03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
AND/OR		06 - 08	8.8	9.2	5.4	5.7	5.6	6.6	6.8	11.9	12.7	25.7	12.4	6.7	9.8	10													
VSBY		09 - 11	13.6	12.0	4.5	5.7	6.5	6.4	8.7	13.2	13.0	27.5	15.1	9.6	11.3	10													
LT 3 MI		12 - 14	12.2	11.0	3.5	4.2	3.7	5.4	6.3	9.9	10.0	25.4	11.6	10.3	9.5	10													
		15 - 17	10.7	9.9	3.6	4.4	3.0	3.5	3.4	6.1	7.7	22.1	9.8	8.8	7.7	10													
		18 - 20	8.9	7.4	3.2	4.0	2.2	2.8	2.4	4.7	9.1	17.9	9.8	8.1	6.7	10													
		21 - 23	10.0	5.6	3.5	3.0	3.8	2.5	2.3	7.2	12.6	22.1	10.7	7.4	7.6	10													
ALL			10.4	9.4	3.9	4.7	4.2	4.9	5.4	9.1	10.5	23.8	11.6	8.6	9.0	10													
CIG		00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LT 1000 FT		03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
AND/OR		06 - 08	6.3	5.9	2.4	3.6	2.2	3.0	4.4	7.0	9.9	19.3	8.1	3.4	6.3	10													
VSBY		09 - 11	10.6	7.4	2.6	2.5	2.8	2.7	4.7	7.5	9.7	18.6	9.9	6.5	7.1	10													
LT 2 MI		12 - 14	9.0	5.1	1.6	2.5	1.4	2.1	2.3	4.3	5.8	13.9	6.3	7.0	5.1	10													
		15 - 17	7.9	5.7	1.4	2.4	.8	1.6	1.7	2.1	3.6	11.2	4.9	6.0	4.1	10													
		18 - 20	6.5	5.1	1.8	3.0	.9	.6	1.0	2.2	4.0	9.3	5.2	4.8	3.7	10													
		21 - 23	7.5	3.8	1.6	2.0	.8	.0	.8	3.2	6.7	13.7	4.7	3.7	4.0	10													
ALL			7.7	5.6	1.9	2.7	1.7	2.0	2.7	4.6	6.6	14.9	6.7	5.5	5.3	10													
CIG		00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LT 200 FT		03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
AND/OR		06 - 08	.4	.5	.3	.0	.3	.2	.2	1.4	2.2	2.3	.1	.0	.7	10													
VSBY		09 - 11	2.1	.5	.1	.2	.0	.0	.0	.2	.8	1.2	.9	.5	.5	10													
LT 1/2 MI		12 - 14	1.0	.5	.0	.2	.0	.0	.0	.0	.3	.1	.2	1.2	.3	10													
		15 - 17	.4	.2	.0	.1	.1	.0	.0	.0	.1	.4	.2	.9	.2	10													
		18 - 20	.8	.4	.0	.1	.2	.0	.1	.0	.0	.4	.0	.3	.2	10													
		21 - 23	1.2	.5	.0	.0	.0	.0	.0	.8	.0	1.6	.3	.5	.4	10													
ALL			.9	.4	.1	.1	.2	.0	.1	.4	.7	1.0	.3	.6	.4	10													

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : a SUMMARY OF THE DAY AND HEATING/COOLING DEGREE DAY DATA SUPPLEMENTED FROM:

LOCAL CLIMATOLOGICAL DATA (1989) FOR BIG DELTA, ALASKA (SOD POR 1942-1989).

20 MEAN DEW POINT/WET BULB TEMPERATURES UNRELIABLE IN WINTER MONTHS. DEW POINTS NOT REPORTED WHEN TEMPERATURE IS BELOW -35 DEG F (SEE BIG DELTA SOCS, NOTE 1, PAGE E-1-2).

STN LTRS:  
MSC NO:

NOT AVAILABLE		# ARMS	UNITS SHOWN IN HEADING				** INSTANTANEOUS PEAK WINDS				S % CALM GSTR % PLVG DCRTH				0 BASED ON < FULL MONTHS			
(%)	MRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVN			
ISS PT STABILITY H 3 MI	00-02	34	25	20	35	70	55	50	59	64	69	53	32	47	10			
	03-05	35	28	20	36	68	57	47	61	66	67	54	31	48	10			
	06-08	35	28	23	34	66	59	51	63	68	69	55	33	49	10			
	09-11	37	28	23	31	66	54	53	61	69	68	57	34	48	10			
	12-14	38	29	24	35	65	52	50	59	68	66	56	35	48	10			
	15-17	36	27	24	38	64	52	49	59	67	66	55	35	48	10			
	18-20	30	26	26	40	68	51	53	63	68	73	59	35	49	8			
	21-23	29	26	22	38	71	55	50	60	68	69	56	32	48	10			
	ALL MRS	34	27	23	36	67	54	50	61	67	68	56	33	48				
	00-02	24	16	12	23	55	45	37	36	30	25	24	18	29	10			
03-05	24	18	12	23	53	45	36	38	30	24	25	17	29	10				
06-08	25	18	12	20	51	47	41	43	31	23	23	20	30	10				
09-11	26	20	14	19	47	41	39	39	31	23	24	20	29	10				
12-14	29	19	14	18	45	36	36	32	29	21	27	19	27	10				
15-17	26	16	14	17	44	34	35	33	29	21	26	19	26	10				
18-20	21	15	13	19	49	36	38	34	30	23	30	17	27	8				
21-23	21	17	13	24	54	42	37	37	31	24	25	11	29	10				
ALL MRS	25	17	13	20	50	41	37	37	30	23	26	18	28					
ISS PT STABILITY H 2 MI	00-02	17	10	6	11	39	35	28	27	15	9	10	9	18	10			
	03-05	18	12	6	11	38	35	25	29	18	11	10	9	19	10			
	06-08	19	12	6	10	39	33	30	31	19	12	11	12	20	10			
	09-11	17	12	8	8	34	31	29	26	20	13	14	11	19	10			
	12-14	18	11	6	9	32	25	25	23	18	11	16	11	17	10			
	15-17	17	9	7	7	30	23	25	21	17	12	15	11	16	10			
	18-20	13	7	8	10	34	26	29	22	16	11	16	8	17	8			
	21-23	14	9	7	12	39	32	30	26	14	10	13	9	18	10			
	ALL MRS	17	10	7	10	36	30	28	26	17	13	13	10	18				
	ISS PT STABILITY H 1/2 MI	00-02	1	2	#	1	3	5	5	2	1	#	1	1	2	10		
03-05		2	2	#	1	3	5	4	2	0	#	2	1	2	10			
06-08		2	2	#	1	3	5	5	4	1	0	1	2	2	10			
09-11		2	2	#	1	2	4	4	2	#	1	1	1	2	10			
12-14		2	1	#	1	1	3	2	2	1	1	2	1	1	10			
15-17		1	1	#	1	2	3	3	1	1	1	1	1	1	10			
18-20		1	1	1	2	3	5	3	1	1	0	1	1	2	8			
21-23		#	1	#	2	4	7	6	3	0	4	1	1	2	10			
ALL MRS		1	2	#	1	3	5	4	2	1	#	1	1	2				





A W S CLIMATIC BRIEF  APR 90	STATION NAME: COLD BAY ALASKA LATITUDE/LONGITUDE: 55 12 N 162 43 W HOURLY OBS POR: JAN 80 - DEC 89 SUMMARY OF DAY POR: JAN 49 - DEC 89 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +09												FIELD ELEV: 102 FT STATION MSC: 703160 CALL SIGN: PACD (COB)  SUPERSEDES: AUG 71		
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	@ EXTRM MAX TEMP (F)	50	50	56	60	67	69	77	78	76	69	59	54	78	40
	MEAN MAX TEMP (F)	33	32	34	38	44	50	55	56	52	44	39	35	43	40
	MEAN TEMP (F)	29	28	30	33	40	46	51	52	48	40	35	31	38	40
	MEAN MIN TEMP (F)	24	23	25	28	35	41	46	47	43	35	30	26	34	40
	@ EXTRM MIN TEMP (F)	-8	-9	-13	4	18	29	33	33	27	10	1	-1	-13	40
	D/W TEMP GE 60 (F)	0	0	0	0	1	1	4	5	1	#	0	0	12	40
	D/W TEMP GE 50 (F)	#	#	#	1	4	16	28	30	22	5	1	#	107	40
	D/W TEMP LT 33 (F)	24	23	25	21	9	1	0	0	1	9	18	24	155	40
	D/W TEMP LT 10 (F)	3	3	3	#	0	0	0	0	0	0	#	1	10	40
	HEATING DEGREE DAYS	1093	1006	1016	961	765	574	442	394	496	743	892	963	9345	10
	COOLING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	10
	MEAN DEWPOINT TEMP (F)	25	24	27	28	34	41	47	48	44	35	31	30	34	10
	MEAN WET BULB TEMP (F)	28	27	30	31	37	43	48	49	46	38	34	32	37	10
	99.95% WCPA (FT)	2000	1900	1700	1400	1050	1050	700	950	1300	1450	1700	1950	1550	10
	MEAN REL HUM 07 LST(%)	83.4	83.2	84.5	84.6	87.4	89.4	92.5	92.8	89.1	84.8	83.5	86.2	86.8	10
	MEAN REL HUM 13 LST(%)	80.8	79.0	78.4	76.0	75.6	79.1	82.9	83.4	79.9	77.1	81.2	83.9	79.8	10
	MAX 24HR PRECIP (IN)	1.85	2.09	2.06	1.76	2.13	2.03	1.77	2.17	2.96	4.90	3.31	2.44	4.90	40
	@ MAX PRECIP (IN)	8.46	7.87	4.70	6.55	6.37	6.77	6.13	9.97	9.79	8.02	8.94	7.31	53.15	40
	MEAN PRECIP (IN)	2.71	2.32	2.14	1.89	2.36	2.10	2.44	3.75	4.23	4.32	4.37	3.24	35.93	40
	MIN PRECIP (IN)	.60	.08	.41	.21	.62	.12	.61	1.10	.91	1.88	1.15	.19	23.41	40
	D/W PRECIP GE .01 (IN)	19	17	18	17	17	15	17	20	21	23	22	20	226	40
	D/W PRECIP GT .50 (IN)	1	1	1	1	1	1	1	2	2	2	2	1	16	40
	MAX 24HR SNFL (IN)	12.2	16.3	7.4	9.2	3.0	.5	#	0	.2	11.4	21.4	7.5	21.4	40
	MAX SNFL (IN)	34.6	54.3	28.6	19.5	9.3	.5	#	0	.2	15.6	27.4	24.2	108.8	40
	MEAN SNFL (IN)	10.5	11.4	11.1	6.6	1.8	#	#	0	#	3.0	7.7	10.4	63.0	40
	D/W SNFL GE .1 (IN)	12	13	13	10	4	#	0	0	#	4	9	13	78	40
	D/W SNFL GE 1.5 (IN)	2	2	2	1	1	0	0	0	0	1	1	2	12	40
	MAX DLY SNO DEPTH (IN)	20	29	23	10	3	#	0	0	#	13	12	18	29	40
	PRVING WND DIR (DEG)	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	32-34	14-16	14-16	14-16	10
	MEAN WND SPD (KTS)	15	16	15	15	14	14	14	14	15	15	15	16	15	10
	MAX WND SPD (KTS)	76	83	90	73	67	68	64	70	83	78	73	76	90	33
	SKY COVER GT 5/10 (%)	80.0	81.7	83.0	89.6	92.0	91.5	94.0	95.1	90.0	84.9	83.0	83.9	87.7	10
	D/W THUNDERSTORMS	0	0	0	0	0	0	0	0	#	#	#	0	#	40
	D/W FOG (VSBY LT 7 MI)	13	11	13	14	14	18	23	24	17	12	12	12	183	40
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE % = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	53.7	57.3	54.9	69.4	62.9	62.5	77.4	76.0	56.4	45.8	47.8	55.4	60.0	10
	03 - 05	54.5	58.2	60.0	70.9	62.9	65.7	80.2	76.4	57.9	48.1	47.2	57.8	61.6	10
	06 - 08	56.5	57.3	57.4	67.9	63.6	72.7	80.8	73.4	57.4	50.1	46.1	56.8	61.7	10
	09 - 11	58.0	54.9	53.6	65.4	63.7	69.9	76.6	70.4	59.2	49.1	48.4	55.3	60.4	10
	12 - 14	55.6	56.1	56.6	64.7	65.0	67.6	72.2	68.0	57.9	49.1	54.8	54.1	60.1	10
	15 - 17	54.0	55.2	55.2	64.5	63.5	63.4	69.9	66.5	56.7	52.3	57.9	54.6	59.5	10
	18 - 20	52.5	57.2	54.6	67.7	63.6	62.5	67.2	69.4	54.4	50.6	58.8	54.7	59.4	10
	21 - 23	54.7	58.2	53.0	69.2	60.3	63.4	72.1	73.1	53.8	51.1	56.0	55.5	60.0	10
	ALL	54.9	56.8	55.7	67.5	63.2	66.0	74.5	71.7	56.7	49.5	52.1	55.5	60.4	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	25.2	29.3	25.2	29.1	28.9	33.7	54.8	55.1	24.8	11.7	14.9	20.2	29.4	10
	03 - 05	24.4	28.5	26.2	31.1	28.5	36.0	57.7	56.6	25.7	12.3	14.9	24.2	30.5	10
	06 - 08	23.5	26.7	28.1	33.2	29.6	40.7	62.1	49.4	23.6	10.5	14.1	26.2	30.6	10
	09 - 11	26.0	26.2	27.1	31.3	29.2	40.0	56.4	46.8	23.7	10.3	15.5	21.8	29.5	10
	12 - 14	23.5	25.2	25.7	26.8	24.5	33.0	46.4	42.1	23.3	11.0	18.3	22.3	26.8	10
	15 - 17	23.2	24.4	24.8	26.8	22.7	29.9	40.6	40.3	22.2	12.0	20.8	22.5	25.8	10
	18 - 20	24.2	26.6	24.6	29.5	23.9	27.9	43.4	45.5	23.0	11.8	18.6	25.3	27.0	10
	21 - 23	23.8	27.2	22.9	30.5	27.0	33.4	48.6	51.1	22.3	10.6	15.4	23.3	28.0	10
	ALL	24.2	26.8	25.6	29.8	26.8	34.3	51.3	48.4	23.6	11.3	16.6	23.2	28.5	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	18.0	16.4	15.4	19.0	18.5	24.6	45.2	42.0	16.2	7.0	5.6	12.9	20.1	10
	03 - 05	16.1	16.8	16.2	20.7	18.0	28.6	49.3	44.6	19.6	6.4	8.0	14.7	21.6	10
	06 - 08	14.5	15.5	19.0	22.5	18.3	32.6	51.9	40.2	17.5	4.2	8.4	14.6	21.6	10
	09 - 11	17.5	17.8	16.0	20.1	14.9	27.4	44.5	36.9	15.2	4.4	7.6	12.2	19.5	10
	12 - 14	15.7	13.7	12.9	14.7	9.7	21.2	31.2	27.2	11.4	3.2	8.0	12.0	15.1	10
	15 - 17	15.0	13.0	14.1	14.8	8.9	17.4	24.5	25.4	12.2	3.7	9.0	12.3	14.2	10
	18 - 20	15.0	14.4	15.5	17.0	10.8	18.1	27.8	30.6	13.1	5.1	8.5	13.3	15.8	10
	21 - 23	14.8	15.5	14.5	18.6	14.4	24.0	38.2	39.2	14.0	6.5	7.5	13.7	18.4	10
	ALL	15.8	15.4	15.4	18.4	14.2	24.2	39.1	35.8	14.9	5.1	7.8	13.2	18.3	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.6	1.9	1.3	.7	.8	1.7	5.1	4.4	.0	.1	.3	1.8	1.6	10
	03 - 05	1.7	2.4	1.4	.3	.3	2.5	5.2	5.0	.8	.2	.7	1.8	1.9	10
	06 - 08	1.6	2.5	2.4	1.0	.3	2.2	4.6	5.2	1.1	.1	.3	1.2	1.9	10
	09 - 11	2.3	3.2	1.2	2.2	.2	.1	.8	1.6	.7	.0	1.1	1.2	1.2	10
	12 - 14	2.7	3.1	.5	1.7	.2	.0	.0	.0	.2	.1	1.3	1.6	.9	10
	15 - 17	2.1	2.8	1.1	1.5	.0	.1	.0	.1	.2	.0	1.0	1.8	.9	10
	18 - 20	2.1	2.5	1.5	.9	.0	.2	.5	.5	.2	.2	.7	1.2	.9	10
	21 - 23	2.1	1.9	.9	.2	.5	.3	3.4	3.3	.8	.3	.1	1.0	1.2	10
	ALL	2.0	2.5	1.3	1.1	.3	.9	2.5	2.5	.5	.1	.7	1.5	1.3	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : a SUMMARY OF THE DAY DATA WERE SUPPLEMENTED FROM LOCAL CLIMATOLOGICAL DATA (LCD), ANNUAL SUMMARIES FOR 1988, PART V, NOAA.															



# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CORDOVA, AK  
 LOCATION: 60°30'N, 145°30'W  
 PREPARED BY: USAFETAC/ECR, APR 1987

STATION #: 702960  
 ELEVATION (FEET): 41  
 PERIOD: VARIED

ICAO ID: PACV  
 LST - GMT -9

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	58	52	59	67	82	84	86	86	72	70	55	54	86
MEAN DLY MAX	2	30	35	38	44	52	58	61	61	56	47	37	31	46
MEAN	2	22	26	29	36	44	50	54	54	48	40	31	24	38
MEAN DLY MIN	2	14	18	21	29	36	43	47	46	40	32	24	17	30
EXTREME MIN	2	-30	-21	-24	2	19	29	33	29	20	-1	-7	-23	-30
# DAYS > 70	2	0	0	0	0	1	2	3	3	#	0	0	0	9
# DAYS > 32	2	27	23	26	22	9	1	0	#	5	15	22	26	175
# DAYS > 0	2	7	4	3	0	0	0	0	0	0	0	1	5	20
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	5.5	6.4	5.4	5.6	5.8	4.9	6.5	8.8	12.9	12.7	8.5	7.3	90.4
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	2.7	3.7	3.6	4.4	2.9	2.6	4.6	7.6	4.8	5.0	4.6	4.5	7.6
# DAYS > 0.01	2	10.6	10.8	10.6	11.1	12.6	11.3	12.4	13.8	15.1	17.0	12.8	12.8	151.0
# DAYS > 0.5	2	4.1	4.4	3.9	3.7	3.5	2.8	3.5	4.7	8.5	9.3	5.9	5.2	60.9
3. SNOWFALL (INCHES)														
MEAN	2	19.5	22.3	24.0	14.5	1.3	0	0	0	0	3.8	10.7	26.2	122.4
MAXIMUM	2	41.0	65.0	99.0	77.0	40.0	0	0	0	0	11.0	22.0	38.0	99.0
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (03 LST)	1	80	80	83	84	87	89	88	88	87	83	84	82	85
RH (12 LST)	1	79	71	64	61	63	68	70	69	67	72	78	81	70
VAPOR PRESS	1	.13	.13	.15	.17	.23	.30	.35	.35	.28	.21	.16	.13	.22
DEWPOINT	1	19	21	25	30	37	44	48	48	43	34	26	20	33
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$E	\$E	\$E	\$E	\$E	\$E	\$E	\$E	\$E	\$E	\$E	\$E	\$E
MEAN SPEED	1													
(PVLG DRCTN)	1	10	10	9	10	8	6	6	7	8	9	10	10	9
MEAN SPEED	1													
(ALL OBS)	1	4	5	4	5	5	4	3	3	4	5	4	4	4
MAX (PK GST)	1	48	43	40	55	40	27	25	35	38	50	46	47	55
PRESSURE ALT	1	1450	1590	1240	990	790	640	610	990	1050	1440	1440	1530	1590
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	5	5	6	6	6	6	6	6	5	5	6
DAYS TSTMS	2	#	#	0	#	#	#	#	#	#	#	#	0	#
DAYS FOG < 7	1	12	11	11	11	10	13	16	17	14	14	12	12	153
DAYS BNBD < 7	1	0	0	0	0	#	0	0	0	0	1	#	0	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ = % CALM > PVLG DRCTN  
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8412, HRLY  
 2. UNIVERSITY OF ALASKA, POR 1949-1984 (CORDOVA FAA)  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	49	49	50	47	57	53	62	59	53	56	51	50	53
03-05 LST	50	48	49	47	52	51	57	56	52	59	51	50	52
06-08 LST	46	48	47	44	49	53	53	50	47	58	52	50	50
09-11 LST	47	46	44	42	52	59	58	51	45	56	48	51	50
12-14 LST	47	48	44	46	57	60	63	53	46	58	49	48	52
15-17 LST	48	47	44	48	57	60	66	55	48	59	51	49	53
18-20 LST	50	49	48	49	53	55	63	55	50	60	51	48	52
21-23 LST	49	58	59	59	54	52	60	58	52	58	53	48	53
ALL HOURS	48	48	47	47	54	55	60	55	49	58	51	49	52

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	27	21	25	18	21	28	30	15	16	23	25	22
03-05 LST	20	24	22	24	15	22	27	31	16	18	23	26	22
06-08 LST	23	27	22	22	16	20	25	27	14	17	22	26	22
09-11 LST	23	24	24	22	16	19	26	25	14	19	21	26	22
12-14 LST	22	24	23	21	15	17	23	24	14	20	20	26	21
15-17 LST	22	25	22	23	17	19	27	25	16	21	21	24	22
18-20 LST	21	26	22	24	18	19	27	26	16	20	21	24	22
21-23 LST	23	26	23	23	16	20	25	28	17	18	22	25	22
ALL HOURS	22	25	22	23	16	20	26	27	15	18	22	25	22

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	14	10	13	5	10	15	17	8	6	9	11	11
03-05 LST	10	12	10	11	5	12	17	18	8	7	11	11	11
06-08 LST	11	14	11	11	6	11	12	16	8	7	9	13	11
09-11 LST	13	12	12	13	5	6	12	12	6	8	9	13	10
12-14 LST	11	13	10	9	3	4	11	10	6	8	10	14	9
15-17 LST	11	14	10	10	6	6	12	11	7	8	9	13	10
18-20 LST	10	15	10	10	7	7	12	12	8	8	9	13	10
21-23 LST	11	14	9	10	5	12	14	16	9	5	9	12	11
ALL HOURS	11	13	10	11	5	9	13	14	8	7	10	12	10

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	#	1	#	1	2	2	1	0	1	1	1
03-05 LST	1	1	1	1	1	2	2	3	1	#	1	#	1
06-08 LST	1	2	2	2	#	1	1	1	1	#	1	1	1
09-11 LST	2	2	2	1	0	0	#	#	#	1	1	3	1
12-14 LST	2	2	1	0	0	0	0	#	0	#	2	3	1
15-17 LST	1	2	1	#	0	#	0	0	#	#	3	2	1
18-20 LST	1	1	#	#	0	0	0	1	#	#	1	2	1
21-23 LST	2	1	1	#	#	1	0	1	1	#	1	1	1
ALL HOURS	2	2	1	1	#	1	1	1	1	#	1	2	1

# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: CORDOVA, AK  
 LOCATION: 60°30'N, 145°30'W  
 PREPARED BY: USAFETAC/ECR, APR 1987

STATION #: 702960  
 ELEVATION (FEET): 41  
 PERIOD: 7301-8412, HRLY

ICAO ID: PACV  
 LST = GMT -9

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	0	#	0	0	#	#	#	0	#
03-05 LST	0	0	0	0	0	#	0	#	0	0	0	0	#
06-08 LST	0	0	0	0	0	#	0	0	0	0	0	0	#
09-11 LST	0	0	0	0	#	0	0	0	0	0	0	0	#
12-14 LST	0	0	0	0	0	#	0	#	0	0	0	0	#
15-17 LST	0	0	0	0	0	#	0	0	#	0	0	0	#
18-20 LST	#	#	0	0	0	0	#	0	#	0	0	0	#
21-23 LST	0	0	0	0	0	0	#	0	#	0	0	0	#
ALL HOURS	#	#	0	#	#	#	#	#	#	#	#	0	#

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	19	18	26	35	28	31	30	35	42	24	18	27
03-05 LST	21	18	17	24	30	26	27	28	36	40	24	18	26
06-08 LST	23	18	17	22	27	26	25	27	35	40	26	21	26
09-11 LST	23	17	16	23	27	23	22	24	33	40	25	18	24
12-14 LST	24	18	18	24	33	29	27	28	33	40	24	19	26
15-17 LST	23	22	18	27	35	29	30	30	34	43	23	16	27
18-20 LST	21	21	18	27	31	27	30	26	33	43	22	17	26
21-23 LST	19	19	20	25	31	27	26	29	35	43	24	19	26
ALL HOURS	22	19	18	25	31	27	27	28	34	41	24	18	26

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	14	14	11	#	0	0	0	#	1	8	15	6
03-05 LST	11	14	14	9	1	0	0	#	#	2	11	16	7
06-08 LST	12	17	16	11	1	0	#	#	#	3	9	16	7
09-11 LST	13	17	17	9	1	0	#	0	0	2	8	16	7
12-14 LST	12	17	15	7	#	#	0	#	0	2	9	17	7
15-17 LST	10	15	14	9	#	0	0	0	#	2	8	15	6
18-20 LST	14	16	12	8	#	0	0	0	#	2	7	15	6
21-23 LST	13	16	14	9	#	0	0	0	#	1	8	16	6
ALL HOURS	12	16	14	9	#	#	#	#	#	2	9	16	6

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	3	1	3	1	0	#	1	2	2	4	3	2
03-05 LST	4	3	1	3	1	0	#	#	1	3	3	2	2
06-08 LST	3	3	2	1	1	#	0	#	2	2	3	2	2
09-11 LST	4	3	2	2	1	#	#	1	1	4	3	4	2
12-14 LST	4	4	1	1	2	#	#	#	2	4	3	3	2
15-17 LST	4	3	1	2	1	#	0	1	1	4	3	2	2
18-20 LST	4	4	1	1	#	1	0	#	1	3	4	3	2
21-23 LST	4	4	1	2	#	#	#	#	1	2	3	4	2
ALL HOURS	4	3	1	2	1	#	#	#	1	3	3	3	2

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8412, HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	11	6	9	3	8	13	14	8	4	7	8	8
03-05 LST	8	8	6	8	4	10	14	14	7	5	8	6	8
06-08 LST	9	11	9	9	4	7	9	13	6	5	6	8	8
09-11 LST	10	10	8	9	3	3	9	8	5	5	6	11	7
12-14 LST	9	9	7	5	2	2	8	8	4	6	7	12	7
15-17 LST	8	11	7	5	2	3	8	7	5	6	7	9	7
18-20 LST	8	11	7	5	4	5	8	9	7	6	6	10	7
21-23 LST	8	10	6	7	3	9	11	12	8	4	6	9	8
ALL HOURS	9	10	7	7	3	6	10	11	6	5	7	9	7

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	7	2	4	2	4	8	9	5	3	4	4	5
03-05 LST	4	5	3	3	2	7	10	9	4	3	5	3	5
06-08 LST	6	6	5	4	2	4	6	7	5	4	4	5	5
09-11 LST	5	6	5	4	1	1	5	4	3	3	4	7	4
12-14 LST	6	6	4	1	1	1	4	4	2	4	4	5	4
15-17 LST	4	8	4	2	#	1	3	4	3	4	5	5	4
18-20 LST	4	6	3	2	1	2	5	5	4	3	3	6	4
21-23 LST	5	5	3	2	1	5	6	7	5	2	4	5	4
ALL HOURS	5	6	4	3	1	3	6	6	4	3	4	5	4

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	1	3	1	2	3	4	1	0	2	1	2
03-05 LST	2	2	2	2	1	3	4	4	2	1	2	2	2
06-08 LST	3	4	4	2	1	1	2	2	2	2	2	2	2
09-11 LST	5	4	4	2	0	#	1	#	1	1	2	5	2
12-14 LST	4	4	3	1	0	#	1	#	1	1	3	4	2
15-17 LST	3	5	3	1	#	#	0	0	1	1	3	3	2
18-20 LST	2	3	1	1	#	1	1	1	1	#	2	4	1
21-23 LST	3	3	1	1	#	1	2	3	2	#	2	2	2
ALL HOURS	3	4	2	2	#	1	2	2	1	1	2	3	2

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	#	#	#	1	1	1	#	0	1	1	1
03-05 LST	#	1	#	#	1	2	1	1	1	0	#	#	1
06-08 LST	1	1	0	#	#	#	#	#	#	0	0	1	#
09-11 LST	1	1	#	#	0	0	0	#	0	0	1	1	#
12-14 LST	#	1	#	0	0	0	0	#	0	#	1	1	#
15-17 LST	1	1	1	0	0	#	0	0	#	0	1	1	#
18-20 LST	#	#	#	0	0	0	0	#	#	0	1	1	#
21-23 LST	0	#	0	0	0	#	0	1	#	0	#	1	#
ALL HOURS	1	1	#	#	#	#	#	#	#	#	#	1	#

A W S	STATION NAME: DEADHORSE AK*												FIELD ELEV: 57 FT	
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 70 12 N 148 28 W												STATION MSC: 700637	
(LIMITED)	HOURLY OBS POR: JAN 80 - DEC 89 ( DEADHORSE AK DATA )												CALL SIGN: PASC (SCC)	
AUG 90	SUMMARY OF DAY POR: AUG 57 - NOV 78, MAY 80 - DEC 86 (OLIKTOK AK DATA/PART TIME)												SUPERSEDES: NA	
	HOURS SUMMARIZED: 0000 - 2300 LST ( DEADHORSE AK DATA )													
	LST TO UTC: +09													
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	38	41	36	43	49	70	78	75	65	45	35	34	78	30
MEAN MAX TEMP (F)	-9	-14	-10	5	27	40	48	46	36	20	3	-7	17	30
MEAN TEMP (F)	-16	-21	-17	-3	21	36	42	41	32	14	-4	-14	11	30
MEAN MIN TEMP (F)	-24	-28	-25	-12	15	31	36	35	28	8	-10	-21	3	30
EXTRM MIN TEMP (F)	-58	-64	-56	-47	-22	7	25	21	0	-27	-49	-62	-64	30
D/W TEMP GE 60 (F)	0	0	0	0	0	1	4	2	1	0	0	0	8	30
D/W TEMP GE 50 (F)	0	0	0	0	0	3	10	10	2	0	0	0	25	30
D/W TEMP LT 33 (F)	31	28	31	30	31	21	8	11	26	31	30	31	309	30
D/W TEMP LT 0 (F)	29	27	30	23	2	0	0	0	0	8	23	29	171	30
HEATING DEGREE DAYS	2480	2394	2520	1977	1367	927	778	806	1008	1544	1956	2415	20172	30
COOLING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	30
MEAN DEWPOINT TEMP (F)	**	**	-21	-10	14	32	39	39	29	9	-14	**	**	10
MEAN WET BULB TEMP (F)	**	**	-15	-3	19	35	43	41	32	12	-9	**	**	10
99.95% WCPA (FT)	1150	1000	800	750	650	650	650	750	800	1050	950	1150	900	10
MEAN REL HUM 07 LST(%)	74.2	74.1	71.9	70.8	77.9	82.3	83.3	90.2	87.7	85.7	74.4	73.6	79.5	10
MEAN REL HUM 13 LST(%)	74.2	73.2	70.7	69.3	73.1	75.1	72.2	79.6	82.2	84.2	74.0	73.7	75.4	10
MAX 24HR PRECIP (IN)	.38	.38	.30	.37	.90	1.00	3.00	2.40	2.20	.38	.40	.40	3.00	30
MAX PRECIP (IN)	.45	.44	.60	.46	1.00	1.73	5.00	5.70	4.59	1.24	1.06	.59	11.05	30
MEAN PRECIP (IN)	.11	.10	.07	.14	.27	.31	1.13	1.58	.72	.51	.14	.13	5.21	30
MIN PRECIP (IN)	.00	.00	.00	.00	#	#	#	#	#	.08	#	.00	1.12	30
990/W PRECIP GE .01 (IN)	5	5	5	5	6	6	8	12	10	12	8	6	88	39
D/W PRECIP GT .50 (IN)	0	0	0	0	#	#	1	1	1	0	0	0	3	30
MAX 24HR SNFL (IN)	4.0	2.0	3.0	3.7	4.3	1.6	.9	3.4	5.0	4.0	4.0	4.0	5.0	30
MAX SNFL (IN)	4.5	4.4	6.0	4.9	8.9	2.4	1.0	15.6	8.4	12.3	9.6	5.9	34.6	30
MEAN SNFL (IN)	1.1	.9	.7	1.4	1.6	.3	#	.9	2.1	5.0	1.4	1.3	17.8	30
D/W SNFL GE .1 (IN)	1	1	1	2	3	1	#	1	3	7	2	2	24	30
D/W SNFL GE 1.5 (IN)	1	#	#	1	1	#	0	1	1	1	1	1	8	30
MAX DLY SNO DEPTH (IN)	19	19	21	21	19	8	#	3	7	9	12	19	21	30
PRVING WND DIR (DEG)	05-07	23-25	05-07	05-07	05-07	05-07	05-07	05-07	05-07	05-07	05-07	23-25	05-07	10
MEAN WND SPD (KTS)	12	13	12	12	13	12	12	11	12	12	12	12	12	10
MAX WND SPD (KTS)	50	89	58	50	48	44	45	47	57	56	58	47	89	10
SKY COVER GT 5/10 (%)	44.9	50.4	39.9	55.2	77.9	72.7	73.2	85.0	85.5	78.9	55.2	52.8	64.4	10
D/W THUNDERSTORMS	0	0	0	#	0	#	#	#	0	0	0	0	#	30
990/W FOG (VSBY LT 7 MI)	10	9	10	12	21	21	22	24	19	14	10	07	179	39
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE % = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION														

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY														
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST															
	00 - 02	30.5	28.1	20.8	28.8	64.7	53.9	44.7	58.8	61.6	57.0	35.9	28.2	42.7	10	
	03 - 05	32.9	29.4	21.9	32.2	67.8	55.4	49.7	59.1	62.3	55.6	39.6	29.8	44.6	10	
	06 - 08	32.1	30.6	28.0	35.3	65.9	55.4	53.1	59.8	61.2	60.3	38.7	28.9	45.8	10	
	09 - 11	35.7	36.5	30.5	35.6	58.9	52.2	45.9	58.5	62.0	58.7	42.4	30.1	45.6	10	
	12 - 14	38.2	35.4	27.0	28.3	56.3	46.4	36.5	55.4	61.9	52.6	38.8	33.8	42.5	10	
	15 - 17	36.0	32.4	23.8	24.3	58.4	43.4	31.2	51.5	62.2	54.2	36.2	31.8	40.4	10	
	18 - 20	32.9	29.7	21.5	24.9	55.0	42.4	31.4	50.7	61.7	57.5	32.7	31.8	39.3	10	
	21 - 23	31.1	26.5	20.3	25.8	58.0	44.5	36.4	53.7	61.8	55.6	32.6	31.7	39.8	10	
	ALL	33.7	31.1	24.3	29.4	60.6	49.2	41.1	55.9	61.8	56.4	37.1	30.8	42.7	10	
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	27.0	22.3	16.2	20.9	57.5	49.2	38.8	48.2	49.0	38.7	27.7	20.9	34.7	10	
	03 - 05	28.9	23.9	15.6	25.1	59.1	52.3	45.1	49.7	48.9	37.6	28.1	20.5	36.2	10	
	06 - 08	27.3	24.2	22.8	30.2	57.7	51.9	49.2	50.9	51.0	40.4	27.6	18.9	37.7	10	
	09 - 11	30.8	32.4	25.9	29.9	51.4	48.5	40.5	51.5	50.0	44.1	34.3	20.7	38.3	10	
	12 - 14	34.6	32.1	23.4	24.1	49.1	42.1	31.3	47.2	48.4	38.8	32.5	25.3	35.7	10	
	15 - 17	32.4	29.1	20.2	20.4	51.1	39.7	24.2	40.2	47.9	40.2	28.8	25.0	33.3	10	
	18 - 20	28.1	25.2	18.3	20.1	49.8	38.7	25.5	40.0	46.9	41.5	25.8	23.2	31.9	10	
	21 - 23	25.5	22.0	15.6	20.5	52.0	41.9	29.7	45.2	47.8	41.0	25.0	24.0	32.5	10	
	ALL	29.3	26.4	19.8	23.9	53.5	45.6	35.6	46.6	48.7	40.3	28.8	22.3	35.1	10	
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	17.9	18.1	11.4	13.8	41.9	42.1	36.0	39.6	35.8	20.9	19.0	13.0	25.8	10	
	03 - 05	20.3	19.6	11.5	17.3	47.8	46.9	41.3	41.0	37.2	21.1	18.0	13.3	27.9	10	
	06 - 08	19.4	17.8	15.1	21.3	43.6	47.1	44.7	40.6	37.2	24.5	19.7	12.4	28.6	10	
	09 - 11	22.5	25.0	18.4	19.3	38.2	39.1	30.7	38.4	36.8	25.6	21.7	13.9	27.5	10	
	12 - 14	26.7	25.4	17.9	15.5	36.8	27.9	18.2	29.1	33.1	21.8	20.6	16.6	24.1	10	
	15 - 17	23.9	23.8	15.1	12.7	33.7	27.0	13.8	24.8	32.4	25.7	17.5	15.8	22.2	10	
	18 - 20	20.4	19.6	12.7	11.0	34.1	28.4	18.5	29.2	33.6	25.3	16.5	13.8	21.9	10	
	21 - 23	17.4	15.4	10.6	12.6	36.4	33.7	26.0	35.4	34.9	21.7	17.4	14.7	23.0	10	
	ALL	21.1	20.6	14.1	15.5	39.0	36.5	28.7	34.7	35.1	23.3	18.8	14.2	25.1	10	
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	2.5	3.0	3.1	2.5	5.9	9.2	10.2	9.6	3.6	1.7	4.0	3.3	4.9	10	
	03 - 05	3.6	3.4	2.9	3.0	7.1	6.7	12.3	7.8	3.4	1.8	3.0	2.2	4.8	10	
	06 - 08	3.4	3.8	3.2	4.6	6.5	4.7	7.3	6.4	5.6	2.2	2.7	2.3	4.4	10	
	09 - 11	2.9	5.4	4.1	4.3	2.4	1.3	1.4	3.0	2.7	2.6	3.3	2.5	3.0	10	
	12 - 14	3.8	6.8	4.1	2.2	.9	.5	.1	1.1	1.6	2.3	4.6	2.8	2.6	10	
	15 - 17	2.7	6.1	4.8	2.2	.3	.7	.6	.8	2.1	2.5	4.4	1.7	2.4	10	
	18 - 20	2.8	3.0	3.6	2.1	.6	1.4	1.0	3.5	3.7	1.3	2.9	1.0	2.2	10	
	21 - 23	3.0	2.9	2.5	1.6	3.5	3.8	5.3	7.1	4.4	1.4	3.9	2.4	3.5	10	
	ALL	3.1	4.3	3.6	2.8	3.4	3.5	4.8	4.9	3.4	2.0	3.6	2.3	3.5	10	

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS: \* THIS CLIMATIC BRIEF IS A COMBINATION OF DEADHORSE AK HOURLY DATA AND OLIKOTOK AK SUMMARY OF THE DAY DATA. SINCE OLIKOTOK IS ONLY APPROXIMATELY 40 MILES FROM DEADHORSE AND IN THE SAME CLIMATIC REGIME, THIS BRIEF CAN ALSO BE USED FOR OLIKOTOK AK.

OLIKOTOK AK LAT/LONG 70 30 N 149 53 W FLD ELV 16 FT CALL SIGN OLI MSC# 700630

\*\* DATA NOT AVAILABLE. MEAN DEW POINTS/WET BULB TEMPERATURES UNRELIABLE IN WINTER MONTHS. DEW POINTS ARE NOT REPORTED WHEN TEMPERATURES ARE BELOW -35 DEGREE F (SEE DEADHORSE AK SOCS, NOTE 1, PAGE E-1-2).

@ HEATING/COOLING DEGREE DATA FROM LOCAL CLIMATOLOGICAL DATA (LCD), ANNUAL SUMMARIES FOR 1988, PART V, BARTER ISLAND, AK, POR 1951-1980.

@ D/W DATA FROM SUMMARY OF THE DAY DATA FOR BARTER ISLAND AK (BARTER ISLAND CLIMATIC BRIEF AUG 90).

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: DEADHORSE, ALASKA  
 LOCATION: 70°12'N, 148°28'W  
 PREPARED BY USAFETAC/ECR JUN 1986  
 OCDS DATED DEC 85 OBSOLETE

STATION #: 700637  
 ELEVATION (FEET): 57  
 PERIOD: JAN 73 - DEC 85

ICAO ID: PASC  
 LST - GMT -9

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	35	37	39	40	48	67	78	74	61	48	36	33	78
MEAN DLY MAX	1	-5	-12	-7	3	24	43	54	50	38	17	5	-4	17
MEAN	1	-12	-21	-16	-5	21	38	46	43	33	12	-3	-10	12
MEAN DLY MIN	1	-15	-24	-18	-8	16	33	40	37	30	9	-6	-14	7
EXTREME MIN	1	-57	-55	-50	-37	-18	2	7	2	-1	-21	-30	-43	-57
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 32	1	18	15	15	16	14	8	1	5	13	19	16	18	158
# DAYS > 0	1	15	14	14	12	1	0	0	#	#	6	11	13	86
2. MEAN NUMBER DAYS PRECIPITATION														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	1	14	12	11	14	19	12	11	17	19	26	16	17	188
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. MEAN NUMBER DAYS SNOWFALL														
MEAN	1	11	10	9	12	16	6	2	4	13	24	14	13	134
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (03 LST)	1	76	72	72	76	87	85	88	92	91	86	77	74	83
RH (14 LST)	1	72	69	68	74	78	69	70	78	83	84	77	75	76
VAPOR PRESS	1	.03	.02	.02	.04	.11	.18	.25	.24	.17	.08	.04	.03	.11
DEWPOINT	1	9	-8	-34	18	20	31	39	38	30	19	14	9	30
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	ENE	WSW	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	WSW	ENE
MEAN SPEED														
(PVLG DRCTN)	1	15	14	15	15	15	14	13	12	14	17	15	13	14
MEAN SPEED														
(ALL OBS)	1	13	12	12	11	12	12	12	11	12	13	12	12	12
MAX (PK GST)	1	60	53	58	50	48	41	45	45	51	70	55	60	70
PRESSURE ALT	1	1050	500	750	450	500	550	550	650	700	750	900	850	1050
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	4	4	7	6	6	7	7	7	5	4	5
DAYS TSTMS	1	0	0	0	#	#	#	#	#	0	0	0	0	#
DAYS FOG < 7	1	14	14	15	16	19	17	16	18	17	11	12	14	183
DAYS BNBD < 7	1	0	0	0	0	0	0	#	#	#	1	0	#	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85 (HOURLY)  
 2.  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	30	22	27	31	67	55	50	55	65	59	34	25	43
03-05 LST	29	28	31	34	62	55	47	57	64	60	39	27	44
06-08 LST	32	31	28	30	59	53	37	54	63	55	37	31	43
09-11 LST	32	27	24	24	58	49	29	47	62	52	36	29	39
12-14 LST	28	22	23	21	59	46	29	46	62	60	30	26	38
15-17 LST	28	22	20	24	58	46	32	48	64	59	29	27	38
18-20 LST	25	24	22	24	64	50	39	56	64	61	31	24	41
21-23 LST	29	24	21	27	68	54	46	56	64	59	33	27	43
ALL HOURS	29	25	25	27	62	51	38	52	63	58	34	27	41

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	26	18	22	26	61	52	46	49	57	38	23	18	37
03-05 LST	26	25	27	28	56	51	43	51	54	43	29	20	38
06-08 LST	29	29	26	26	50	47	31	45	53	42	31	24	36
09-11 LST	28	25	22	20	50	44	23	39	50	40	28	23	33
12-14 LST	25	20	21	17	52	41	23	37	50	44	22	19	31
15-17 LST	24	18	16	18	52	40	27	41	52	44	22	20	31
18-20 LST	22	20	17	17	59	44	33	45	53	42	22	19	33
21-23 LST	25	19	16	19	61	50	42	48	54	39	24	20	35
ALL HOURS	26	22	21	22	55	46	33	44	53	42	25	20	34

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	13	15	19	49	47	43	40	42	24	15	13	29
03-05 LST	19	18	20	20	45	43	36	41	42	27	18	13	28
06-08 LST	23	24	22	18	39	33	21	31	40	27	20	16	26
09-11 LST	23	20	18	13	35	30	12	24	35	27	19	15	22
12-14 LST	19	15	16	9	34	30	15	26	37	28	14	8	21
15-17 LST	16	14	11	10	38	32	22	32	39	24	14	10	22
18-20 LST	14	15	12	11	43	37	30	36	41	23	15	11	24
21-23 LST	19	16	12	13	49	45	37	39	41	23	14	13	27
ALL HOURS	19	17	16	14	42	37	27	34	40	25	16	13	25

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	4	5	8	6	12	9	6	1	2	4	6
03-05 LST	4	5	5	6	4	2	4	6	6	1	4	3	4
06-08 LST	7	6	5	3	1	1	#	1	2	2	5	3	3
09-11 LST	5	6	7	2	#	1	#	1	2	2	5	2	3
12-14 LST	3	4	6	2	#	1	1	2	5	3	3	#	2
15-17 LST	4	3	4	1	2	3	3	4	6	1	4	1	3
18-20 LST	3	4	5	2	6	6	9	9	5	2	4	3	5
21-23 LST	5	3	4	3	7	7	13	10	4	2	2	3	5
ALL HOURS	4	4	5	3	4	3	5	5	5	2	4	2	4



# OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: DEADHORSE, ALASKA  
 LOCATION: 70°12'N, 148°28'W  
 PREPARED BY USAFETAC/ECR JUN 1986  
 OCDS DATED DEC 85 OBSOLETE

STATION #: 700637  
 ELEVATION (FEET): 57  
 PERIOD: JAN 73 - DEC 85

ICAO ID: PASC  
 LST - GMT -9

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	0	0	#	0	0	0	0	#
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	#	0	0	#	0	0	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	#	0	0	0	0	0	0	#
21-23 LST	0	0	0	0	0	0	#	#	0	0	0	0	#
ALL HOURS	0	0	0	#	#	#	#	#	0	0	0	0	#

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	1	4	7	12	9	#	#	0	3
03-05 LST	0	#	0	#	1	4	7	13	6	#	0	0	3
06-08 LST	0	#	0	#	1	4	7	15	6	1	0	0	3
09-11 LST	#	#	#	#	1	5	6	12	7	#	#	0	3
12-14 LST	#	0	#	#	1	5	5	8	5	#	0	#	2
15-17 LST	0	#	#	0	1	4	4	8	4	#	#	0	2
18-20 LST	0	#	0	#	1	4	5	8	6	#	#	0	2
21-23 LST	0	0	0	#	1	4	6	10	8	1	#	0	3
ALL HOURS	#	#	#	#	1	4	6	11	6	#	#	#	2

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	16	13	18	18	6	#	3	17	42	23	19	16
03-05 LST	19	19	15	15	17	8	1	4	20	43	21	21	17
06-08 LST	18	18	10	15	22	8	2	3	16	43	24	20	17
09-11 LST	15	11	8	15	21	7	2	3	15	35	20	17	14
12-14 LST	9	9	7	13	17	5	1	3	13	33	16	13	12
15-17 LST	10	7	6	13	17	4	#	2	11	28	15	12	10
18-20 LST	14	9	7	14	17	3	#	3	10	33	18	18	12
21-23 LST	16	15	13	13	19	4	1	2	13	41	21	19	15
ALL HOURS	14	13	10	15	19	6	1	3	14	37	20	17	14

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	8	8	7	7	7	3	4	9	13	8	6	7
03-05 LST	9	8	7	6	8	5	5	3	8	13	9	5	7
06-08 LST	7	8	7	3	7	5	2	2	7	12	9	5	6
09-11 LST	8	9	6	4	6	4	2	2	7	12	9	7	6
12-14 LST	9	8	6	3	5	3	3	2	6	12	8	6	6
15-17 LST	8	7	6	4	6	4	3	2	7	10	9	6	6
18-20 LST	9	8	7	6	7	4	3	3	7	10	8	7	7
21-23 LST	8	8	8	7	8	6	4	5	9	12	8	8	7
ALL HOURS	9	8	7	5	7	5	3	3	7	12	9	6	7

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85 (HOURLY)  
 2. -  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	13	15	17	45	45	41	39	39	21	14	12	27
03-05 LST	18	18	20	19	41	39	34	38	39	23	18	12	26
06-08 LST	22	23	21	16	34	29	18	28	36	24	20	15	24
09-11 LST	23	20	18	12	29	26	10	21	32	25	18	14	21
12-14 LST	18	15	16	8	29	25	13	24	35	23	13	8	19
15-17 LST	16	14	11	8	31	29	20	30	37	21	13	9	20
18-20 LST	13	15	12	9	35	34	27	35	37	19	14	10	22
21-23 LST	18	16	12	12	43	44	36	38	38	20	12	12	25
ALL HOURS	18	17	16	13	36	34	25	31	37	22	15	11	23

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	10	11	14	27	26	29	29	27	10	9	9	18
03-05 LST	14	15	16	14	23	18	22	25	28	12	13	10	17
06-08 LST	19	20	17	12	16	10	9	15	21	13	15	10	15
09-11 LST	18	18	16	9	10	6	5	10	18	15	15	9	12
12-14 LST	15	12	13	6	10	9	7	12	22	14	9	5	11
15-17 LST	13	11	9	6	14	18	12	21	25	10	11	6	13
18-20 LST	10	12	10	6	21	23	21	25	24	11	11	7	15
21-23 LST	14	12	8	9	26	30	27	27	22	11	9	9	17
ALL HOURS	15	14	13	9	18	17	16	20	23	12	12	8	15

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	7	8	10	16	13	19	18	17	5	5	7	11
03-05 LST	9	11	11	10	10	7	10	12	14	6	8	8	10
06-08 LST	13	15	13	7	5	3	2	4	7	7	10	7	8
09-11 LST	14	13	12	5	3	2	1	3	7	9	10	6	7
12-14 LST	9	8	9	4	3	3	2	5	11	9	7	2	6
15-17 LST	8	7	6	4	7	8	6	10	14	6	8	4	7
18-20 LST	7	8	8	4	12	12	15	14	13	7	8	5	9
21-23 LST	10	8	7	6	15	16	21	17	13	7	6	7	11
ALL HOURS	10	10	9	6	9	8	9	10	12	7	8	6	9

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	#	1	3	2	5	4	1	0	1	1	2
03-05 LST	2	1	2	2	#	#	2	1	2	#	1	#	1
06-08 LST	3	2	2	1	0	#	0	#	1	1	2	0	1
09-11 LST	2	3	3	1	0	0	#	#	#	1	2	#	1
12-14 LST	1	1	2	1	#	#	#	1	2	#	1	#	1
15-17 LST	1	1	1	1	1	1	2	2	2	#	1	1	1
18-20 LST	1	1	1	1	1	2	4	3	#	#	2	#	1
21-23 LST	1	1	#	1	1	1	6	4	1	#	1	#	1
ALL HOURS	2	1	2	1	1	1	2	2	1	#	1	#	1

A W S	STATION NAME: DUTCH HARBOR/UNALASKA AK												FIELD ELEV: 12 FT		
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 53 54 N 166 33 W												STATION MSC: 704890		
(LIMITED)	HOURLY OBS POR: MAY 45-OCT 47, JUN 52-JUL 54, JUN 57-MAR 90												CALL SIGN: PADU (DUT)		
JUL 90	SUMMARY OF DAY POR: JAN 17-DEC 41, MAY 45-OCT 47, DEC 50-JUL 54												HOURS SUMMARIZED: 00-23L (MAY 45-OCT 47, JUN 52-JUL 54), 06-18L (JUN 87-MAR 90)		
	LST TO UTC: +09												SUPERSEDES: NA		
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	58	60	69	61	66	72	79	80	80	63	67	56	80	29	
MEAN MAX TEMP (F)	36	36	38	41	46	52	57	60	54	47	41	38	46	29	
MEAN TEMP (F)	32	32	34	36	41	47	52	54	49	42	37	34	41	29	
MEAN MIN TEMP (F)	28	27	29	31	36	41	46	47	44	37	32	29	36	29	
EXTRM MIN TEMP (F)	6	5	5	13	20	30	36	28	29	22	16	10	5	29	
D/W TEMP GE 60 (F)	0	#	#	#	#	1	9	13	5	1	#	0	29	29	
D/W TEMP GE 50 (F)	1	1	1	1	6	20	30	31	25	9	2	1	128	29	
D/W TEMP LT 33 (F)	23	22	23	17	6	1	0	#	1	5	16	22	136	29	
D/W TEMP LT 20 (F)	4	3	3	#	0	0	0	0	0	0	#	2	12	29	
HEATING DEGREE DAYS	1147	1064	1080	1020	899	720	589	558	630	868	990	1116	10681	*	
COOLING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
MEAN DEWPOINT TEMP (F)	26	26	27	31	35	40	46	48	42	36	31	28	35	7	
MEAN WET BULB TEMP (F)	29	29	30	34	38	43	48	50	44	39	34	31	38	7	
99.95% WCPA (FT)	1950	1900	1400	1500	1150	1100	700	800	1100	1500	1800	1850	1500	7	
MEAN REL HUM 07 LST(%)	81.2	83.3	84.4	85.0	85.9	87.3	89.2	87.2	84.8	81.5	81.5	82.1	84.7	7	
MEAN REL HUM 13 LST(%)	79.8	81.1	78.6	79.1	78.2	80.0	80.7	79.6	78.8	77.1	78.3	80.3	79.3	7	
MAX 24HR PRECIP (IN)	2.77	7.58	2.47	3.46	3.64	3.00	4.00	2.07	2.41	3.21	4.74	2.12	7.58	29	
MAX PRECIP (IN)	14.00	22.19	12.15	8.06	11.09	6.18	5.77	4.31	10.16	16.01	11.80	15.62	82.97	29	
MEAN PRECIP (IN)	5.93	6.63	4.53	4.17	4.37	2.72	1.71	2.13	4.71	7.44	5.40	6.24	54.70	29	
MIN PRECIP (IN)	.69	.92	#	#	.18	.11	#	.10	#	.09	.09	.62	5.35	29	
D/W PRECIP GE .01 (IN)	20	18	19	18	17	12	12	13	17	22	19	21	208	29	
D/W PRECIP GT .50 (IN)	4	4	2	2	3	1	1	1	3	4	3	4	32	29	
MAX 24HR SNFL (IN)	10.0	28.0	7.1	5.5	1.9	#	0	0	#	1.5	5.5	12.2	28.0	19	
MAX SNFL (IN)	52.6	57.2	39.1	18.0	2.0	#	0	0	#	1.5	20.2	33.5	191.0	19	
MEAN SNFL (IN)	18.4	18.8	10.7	7.6	.2	#	0	0	#	.2	6.0	14.6	71.9	19	
D/W SNFL GE .1 (IN)	13	12	11	7	1	0	0	0	0	1	6	11	62	19	
D/W SNFL GE 1.5 (IN)	4	4	4	2	#	0	0	0	0	#	2	3	19	19	
MAX DLY SNO DEPTH (IN)	27	56	56	15	1	0	0	0	0	#	5	20	56	7	
PRVING WND DIR (DEG)	14-16	14-16	14-16	32-34	14-16	14-16	14-16	14-16	32-34	23-25	23-25	32-34	14-16	7	
MEAN WND SPD (KTS)	12	12	11	11	8	8	7	7	9	12	11	10	10	7	
MAX WND SPD (KTS)	70	82	70	63	63	54	44	60	60	77	86	90	90	8	
SKY COVER GT 5/10 (%)	84.1	91.6	85.6	91.1	92.5	88.8	93.0	87.6	93.5	89.0	86.5	86.4	89.2	7	
D/W THUNDERSTORMS	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
D/W FOG (VSBY LT 7 MI)	7	4	4	4	4	12	20	12	9	8	5	3	92	5	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE % = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	64.2	82.0	69.1	74.7	69.4	71.1	75.3	63.2	70.5	70.4	67.7	63.4	70.1	7
	03 - 05	63.5	77.4	65.2	70.1	70.0	70.4	72.7	66.7	73.5	68.4	63.7	68.3	69.2	7
	06 - 08	59.9	70.1	61.8	69.3	64.0	71.5	72.1	64.5	65.8	59.5	52.2	60.7	64.3	7
	09 - 11	54.6	67.7	61.9	66.1	63.9	69.8	64.2	56.0	56.4	56.4	48.4	57.0	60.2	7
	12 - 14	56.1	67.3	59.6	65.7	64.3	63.3	61.3	53.8	54.2	50.7	45.3	58.8	58.4	7
	15 - 17	59.5	64.8	59.3	67.3	60.2	58.4	58.0	53.6	60.8	58.4	50.2	56.9	58.9	7
	18 - 20	62.1	71.3	60.6	72.8	64.6	63.1	67.3	56.7	70.6	71.5	60.5	65.0	65.5	7
	21 - 23	62.6	81.1	65.2	75.9	68.1	67.6	71.7	61.7	70.3	69.6	69.5	66.8	69.2	7
	ALL	59.6	71.4	62.2	69.7	65.2	66.7	67.1	59.0	63.9	61.5	54.3	61.0	63.7	7
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	22.0	22.5	20.7	18.9	18.4	22.8	37.4	19.6	18.7	3.8	11.5	14.7	19.2	7
	03 - 05	19.7	22.6	20.1	18.3	15.5	24.0	31.6	20.5	18.2	3.1	13.7	14.4	18.5	7
	06 - 08	20.7	24.4	18.8	15.1	16.9	24.3	33.3	26.0	16.1	5.2	13.0	10.9	18.7	7
	09 - 11	15.9	28.3	22.8	15.3	16.9	21.5	26.9	22.5	11.9	5.0	10.4	10.7	17.3	7
	12 - 14	18.0	26.3	19.9	13.8	12.1	16.9	21.0	16.9	12.6	5.9	10.9	12.5	15.6	7
	15 - 17	18.0	23.1	18.7	14.1	13.9	14.6	19.0	15.2	12.5	7.6	10.3	11.3	14.9	7
	18 - 20	20.8	22.5	18.6	20.6	14.5	15.5	24.9	15.9	19.1	11.4	10.3	12.9	17.2	7
	21 - 23	17.9	26.1	21.3	24.7	17.2	21.7	31.4	18.8	18.6	8.0	13.3	11.4	19.2	7
	ALL	18.8	24.7	20.1	17.1	15.5	20.0	27.6	19.6	15.4	6.1	11.4	12.1	17.8	7
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	13.3	15.3	9.6	8.3	4.6	8.4	15.9	11.3	11.7	1.2	5.8	8.6	9.5	7
	03 - 05	13.8	13.6	10.8	6.9	4.6	11.7	15.5	12.8	9.6	1.0	6.2	9.0	9.6	7
	06 - 08	12.1	18.2	13.0	5.4	3.8	12.2	17.8	18.0	9.0	1.6	7.5	5.6	10.3	7
	09 - 11	10.0	17.8	13.2	6.7	5.7	10.3	13.9	15.8	5.5	2.3	4.9	7.1	9.4	7
	12 - 14	11.6	15.8	9.5	4.5	3.8	7.2	12.0	12.1	5.1	2.4	5.6	6.9	8.0	7
	15 - 17	11.7	15.8	8.4	4.7	3.5	7.7	7.7	9.3	6.5	2.7	5.3	6.2	7.5	7
	18 - 20	13.6	15.1	6.6	5.1	2.9	7.5	8.8	9.8	10.3	6.6	4.8	4.6	8.0	7
	21 - 23	10.8	20.1	9.3	9.7	3.2	6.5	16.1	13.1	10.3	5.9	6.2	6.1	9.8	7
	ALL	11.9	16.5	10.2	6.2	4.1	9.0	13.4	13.0	8.1	2.8	5.7	6.6	9.2	7
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.6	2.7	1.5	.0	.3	.7	1.1	2.7	1.4	.0	.4	1.1	1.1	7
	03 - 05	1.4	3.3	.6	.0	.0	1.0	1.8	2.9	.7	.0	.0	.7	1.0	7
	06 - 08	1.2	4.0	2.3	.2	.0	2.1	3.6	5.0	1.0	.0	.5	.0	1.7	7
	09 - 11	1.4	3.5	1.2	.0	.2	1.0	1.3	4.4	.5	.2	1.0	.6	1.3	7
	12 - 14	2.4	3.7	1.9	.2	.0	.3	.4	1.1	.3	.2	1.8	1.0	1.1	7
	15 - 17	2.1	4.0	1.1	.2	.0	.0	.5	.5	.5	.0	.2	1.2	.9	7
	18 - 20	3.0	3.2	.5	.0	.0	.4	.6	.5	1.3	.0	.3	.9	.9	7
	21 - 23	1.1	3.3	.6	.6	.0	.4	1.4	2.1	2.2	.0	.0	1.1	1.1	7
	ALL	1.8	3.6	1.3	.1	.1	.8	1.4	2.5	.9	.1	.7	.8	1.2	7

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : 2 SUMMARY OF DAY (SOD) DATA WERE SUPPLEMENTED FROM DUTCH HARBOR SUMMARIZED HOURLY DATA, POR 8706-9003.

22 HEATING AND COOLING DEGREE DATA WERE DERIVED BY SUBTRACTING THE MONTHS MEAN TEMPERATURE FROM 65 DEGREES AND MULTIPLYING BY THE NUMBER OF DAYS IN THE MONTH.

A W S CLIMATIC BRIEF December 1987	Station Name: KIELSON AFB AK		Field Elev: 547 ft											
	Latitude/Longitude: N64 40 W147 05		Station MSC: 702650											
	Hourly Obs POR: Aug 77 to Jul 37		Call Sign: PAEI											
	Summary of Day POR: Nov 44 to Jun 45		Supersedes: Jul 1983											
	LST - GMT -9	Oct 46 to Jul 87												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	49	50	52	74	92	93	92	88	82	68	50	48	93	42
MEAN MAX TEMP °F	-2	6	23	39	58	68	70	65	54	32	11	-2	35	42
MEAN TEMP °F	-11	-4	10	29	47	58	61	56	45	24	3	-9	26	42
MEAN MIN TEMP °F	-19	-15	-3	18	37	48	51	46	35	17	-5	-17	16	42
XTRM MIN TEMP °F	-64	-60	-50	-26	-1	31	36	25	5	-35	-44	-61	-64	42
D/W TEMP > 75°F	0	0	0	0	1	6	9	4	#	0	0	0	20	42
D/W TEMP > 65°F	0	0	0	#	7	20	24	16	4	#	0	0	71	42
D/W TEMP < 32°F	31	28	31	28	8	#	0	1	11	29	30	31	228	42
D/W TEMP < 0°F	26	22	18	3	#	0	0	0	0	4	19	26	18	42
VPR PRESS "Hg	.03	.03	.05	.08	.16	.27	.34	.30	.20	.10	.04	.03	.10	10
MEAN DEWPOINT °F	-9	-11	2	14	29	42	48	45	34	17	-4	-10	17	10
99.95% WCPA Ft	2000	1900	1550	1600	1350	1300	1100	1250	1450	1850	2000	2100	1700	10
MEAN RH 07 LST %	61	61	62	65	60	69	75	79	78	73	67	68	68	10
MEAN RH 13 LST %	62	60	53	45	38	48	54	57	60	67	68	68	57	10
MAX 24HR PRECIP "	1.2	.8	.8	.8	.9	1.4	1.6	3.4	1.3	1.2	.7	1.0	3.4	42
MAX PRECIP "	4.1	2.5	2.7	4.4	2.0	4.2	5.2	7.5	3.7	3.6	2.7	3.1	7.5	42
MEAN PRECIP "	.8	.6	.5	.5	.7	1.6	2.4	2.3	1.4	1.0	.8	.8	13.4	42
MIN PRECIP "	.1	#	#	#	#	.2	.4	.6	.1	#	#	#	#	42
D/W PRECIP > .01"	7	7	6	5	6	11	13	13	11	11	9	9	108	42
D/W PRECIP > .5"	#	#	#	#	#	1	1	1	#	#	#	#	3	42
MAX 24HR SNFL "	13	14	8	8	3	#	0	#	5	12	8	11	14	41
MAX SNFL "	35	34	31	38	6	#	0	#	13	40	47	52	52	41
MEAN SNFL "	10	8	7	5	1	#	0	#	2	11	12	12	68	41
D/W SNFL > .1"	8	8	7	5	1	0	0	0	2	10	10	10	61	41
D/W SNFL > 1.5"	2	2	2	1	#	0	0	0	#	3	3	3	16	41
MEAN WND DRCTN	\$SSE	\$SSE	\$NNE	\$W	\$NNE	\$W	\$W	\$W	\$W	\$N	\$NNW	\$S	\$W	10
MEAN WND SPD Kts	1	2	3	3	4	4	3	2	2	2	1	1	2	10
MAX WND SPD** Kts	55	48	42@	36	35@	40	40	41	37	60	45	64	64	37
MEAN CLD CVR 10th	7	6	6	7	7	8	8	8	8	8	7	7	7	10
D/W TSTORMS	0	0	0	#	1	3	4	1	#	0	0	0	5	41
D/W FOG VSBY < 7mi	15	11	5	2	2	3	6	9	8	11	11	14	97	41

Legend: ANN - Annual      YOR - Years of record      POR - Period of record  
 D/W - Mean number of days with...      WCPA - "Worst case" (maximum) pressure altitude  
 @ - Based on less than full months      # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.  
 \*\* - Instantaneous peak winds      \* - Percentage of calm winds > mean direction  
 \* - Data not available

REMARKS:

APPROVED FOR PUBLIC RELEASE: DISTRIBUTION IS UNLIMITED

A W S CLIMATIC BRIEF  December 1987		Station Name: EIELS:W AFB AK Latitude/Longitude: N64 40' W147 06 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Nov 44 to Jun 45 LST - GMT -9 Oct 46 to Jul 87	Field Elev: 547 ft Station MSC: 702650 Call Sign: PARI  Supersedes: Jul 1983												
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY															
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY LESS THAN 3000/3	00-02	19	14	6	6	2	3	7	8	14	25	19	23	12	
	03-05	20	17	8	7	3	5	10	12	17	28	18	23	14	
	06-08	21	21	8	9	4	9	15	20	21	27	18	23	16	
	09-11	20	20	7	10	5	14	17	19	18	27	17	23	16	
	12-14	18	13	6	8	3	12	13	15	15	25	15	22	14	
1500/3	15-17	18	9	5	6	2	6	6	10	12	22	15	23	11	
	18-20	18	10	4	5	2	3	5	6	10	21	17	25	11	
	21-23	19	12	4	5	2	2	5	6	13	25	17	24	11	
	00-24	19	15	6	7	3	7	10	12	15	25	17	23	13	10
CIG/VSBY LESS THAN 1500/3	00-02	14	10	2	3	1	1	4	5	8	18	12	17	8	
	03-05	16	13	3	5	2	4	6	8	12	19	11	18	10	
	06-08	17	15	4	7	3	7	11	16	17	18	11	18	12	
	09-11	16	17	4	7	2	9	10	15	15	20	11	18	12	
	12-14	16	11	3	5	1	3	5	7	10	20	12	18	9	
1000/2	15-17	15	6	4	3	1	2	3	4	6	15	11	19	7	
	18-20	13	7	3	3	#	1	1	2	5	13	12	19	7	
	21-23	13	8	2	3	#	1	2	3	7	17	10	18	7	
	00-24	15	11	3	5	1	4	5	8	10	18	11	18	9	10
CIG/VSBY LESS THAN 1000/2	00-02	11	7	1	2	#	1	3	3	6	11	8	13	6	
	03-05	13	10	2	2	1	2	5	7	9	12	7	13	7	
	06-08	13	11	3	4	2	4	9	12	15	12	7	14	9	
	09-11	14	13	2	4	1	4	5	11	12	16	7	14	9	
	12-14	13	8	2	3	1	1	3	3	5	14	9	15	6	
200/1/2	15-17	11	5	2	2	#	1	1	1	3	9	7	15	5	
	18-20	9	5	1	2	#	1	1	1	4	7	6	14	4	
	21-23	9	6	1	1	#	1	1	2	4	10	7	13	5	
	00-24	12	8	2	3	1	2	4	5	7	11	7	14	6	10
CIG/VSBY LESS THAN 200/1/2	00-02	3	1	0	#	0	#	#	#	1	2	1	1	1	
	03-05	4	1	#	#	#	#	#	1	1	3	1	2	1	
	06-08	5	2	#	#	#	#	1	2	1	2	1	1	1	
	09-11	5	4	#	#	0	0	0	#	#	2	1	2	1	
	12-14	4	1	0	0	0	0	0	0	#	#	#	4	1	
	15-17	4	#	0	0	0	0	0	0	0	1	#	3	1	
	18-20	3	1	0	#	0	0	0	0	0	#	0	2	1	
	21-23	3	1	0	0	0	0	0	0	#	#	#	2	1	
	00-24	4	1	#	#	#	#	#	#	#	1	1	2	1	10

APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED

A W S CLIMATIC BRIEF  December 1987		Station Name: ELMHENDORF AFB AK Latitude/Longitude: N61 15 W149 48 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Mar 41 to Jul 87 LST = GMT -9		Field Elev: 213 ft Station MSC: 702720 Call Sign: PAED  Supersedes: Sep 1983											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F		49	58	51	65	80	86	83	82	74	63	57	53	86	46
MEAN MAX TEMP °F		20	25	32	43	54	61	65	53	55	40	27	20	42	46
MEAN TEMP °F		13	18	24	35	47	55	58	56	48	35	21	14	35	46
MEAN MIN TEMP °F		-6	10	16	28	39	47	52	49	42	29	14	-7	28	46
XTRM MIN TEMP °F		-38	-43	-24	-20	0	33	34	29	20	-6	-20	-34	-43	46
D/W TEMP > 70°F		0	0	0	0	1	3	5	3	#	0	0	0	13	46
D/W TEMP > 60°F		0	0	0	#	5	18	25	23	6	#	0	0	77	46
D/W TEMP < 32°F		31	28	30	23	3	0	0	#	3	20	28	31	197	46
D/W TEMP < 00°F		11	7	4	#	0	0	0	0	0	#	5	10	37	46
VPR PRESS "Hg		.08	.07	.10	.12	.19	.16	.34	.32	.24	.15	.09	.07	.15	10
MEAN DEWPOINT °F		12	10	17	23	33	41	48	47	39	27	16	10	27	10
99.95% WCPA Ft		1850	1750	1350	1350	1000	900	700	850	1150	1650	1850	1900	1450	10
MEAN RH 07 LST %		74	71	72	72	70	71	79	81	79	77	79	76	75	10
MEAN RH 13 LST %		74	67	60	54	51	57	66	67	65	69	77	76	65	10
MAX 24HR PRECIP "		1.2	1.4	1.9	.8	.7	1.3	1.6	1.6	1.5	1.1	1.6	1.4	1.9	45
MAX PRECIP "		2.6	2.9	3.0	3.0	2.0	3.7	4.9	5.0	6.4	3.4	2.9	3.6	6.4	45
MEAN PRECIP "		.9	.9	.8	.6	.6	1.1	2.1	2.3	2.6	1.7	1.1	1.3	16.0	45
MIN PRECIP "		#	#	#	#	#	.0	.0	.0	.0	.2	.1	.1	.0	45
D/W PRECIP > .01"		8	7	7	6	6	8	12	14	14	11	8	10	111	45
D/W PRECIP > .5"		#	#	#	#	#	#	1	1	1	1	#	#	4	45
MAX 24HR SNFL "		12	14	15	10	7	0	0	#	2	9	15	15	15	42
MAX SNFL "		29	40	33	30	8	0	0	#	2	28	40	46	46	42
MEAN SNFL "		10	11	9	6	#	0	0	#	#	8	11	15	70	42
D/W SNFL > .1"		8	7	6	4	#	0	0	0	#	4	6	10	45	42
D/W SNFL > 1.5"		2	3	2	1	#	0	0	0	#	2	2	3	15	42
MEAN WND DRCTN	\$NNE	\$NNE	\$NNE	\$N	\$W	W	\$W	\$W	\$N	\$NNE	\$NNE	\$NE	\$NNE		10
MEAN WND SPD Kts	4	4	3	4	4	4	4	3	3	4	3	3	3	4	10
MAX WND SPD** Kts	66	61	47	41	54	36	48	42	47	62	72	64	72	33	
MEAN CLD CVR 10th	8	7	7	7	8	8	8	8	8	8	8	8	8	8	10
D/W TSTORMS	0	0	0	#	#	#	#	#	#	#	#	0	0	#	42
D/W FOG VSBY <7mi	12	10	5	5	2	2	4	5	6	9	11	14	85	42	

Legend: ANN = Annual      YOR = Years of record      POR = Period of record  
D/W = Mean number of days with...      WCPA = "Worst case" (maximum) pressure altitude  
@ = Based on less than full months      # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.  
\*\* = Instantaneous peak winds  
\$ = Data not available      \$ = Percentage of calm winds > mean direction

REMARKS:

APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED

A W S CLIMATIC BRIEF December 1987		Station Name: ELMENDORF AFB AK Latitude/Longitude: N61 15 W149 48 Hourly Obs POR: Aug 77 to Jul 87 Summary of Day POR: Mar 41 to Jul 87 LST - GMT -9										Field Elev: 213 ft Station MSC: 702720 Call Sign: PAED Supersedes: Sep 1983			
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY															
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	00-02	16	15	8	8	5	5	8	6	9	21	20	23	12	
	03-05	17	16	8	11	5	3	10	10	11	23	23	23	13	
	06-08	17	17	8	13	5	4	11	12	11	24	25	22	14	
	09-11	16	18	9	8	3	5	11	11	9	20	24	22	13	
	12-14	14	12	6	6	3	3	8	10	5	18	15	19	10	
LESS THAN	15-17	13	11	4	5	2	1	4	7	5	17	15	18	9	
3000/3	18-20	15	13	5	6	2	1	5	5	6	18	20	22	10	
	21-23	16	13	8	6	2	2	7	5	6	21	21	22	11	
	00-24	16	14	7	8	3	3	8	8	8	20	20	21	11	10
CIG/VSBY	00-02	12	11	5	4	1	1	4	2	5	15	15	17	8	
	03-05	13	14	4	6	2	1	4	4	6	15	19	18	9	
	06-08	13	13	6	8	2	2	4	6	7	16	20	17	10	
	09-11	12	15	7	5	1	1	6	8	6	16	19	18	10	
	12-14	12	9	5	3	1	#	3	7	3	12	13	15	7	
LESS THAN	15-17	9	9	3	3	#	0	1	4	2	12	11	13	6	
1500/3	18-20	11	10	3	3	1	1	1	2	2	14	14	16	7	
	21-23	11	8	5	3	1	#	2	2	3	16	15	17	7	
	00-24	12	11	5	4	1	1	3	4	4	15	16	16	8	10
CIG/VSBY	00-02	10	10	4	3	1	#	2	2	4	13	14	14	6	
	03-05	12	12	4	5	1	#	3	3	5	13	16	15	7	
	06-08	12	11	5	7	1	1	3	5	6	14	17	15	8	
	09-11	11	13	6	4	1	#	3	5	4	15	16	16	8	
	12-14	10	7	3	3	1	0	1	3	2	10	11	12	5	
LESS THAN	15-17	8	7	3	2	0	0	1	1	2	9	9	11	4	
1000/2	18-20	10	8	2	2	#	#	1	1	2	12	12	15	5	
	21-23	10	7	4	1	#	0	2	1	3	14	12	15	6	
	00-24	10	9	4	3	1	#	2	3	4	13	13	14	6	10
CIG/VSBY	00-02	3	3	#	#	0	0	#	#	#	2	3	4	1	
	03-05	3	3	1	0	#	0	0	#	#	1	5	3	1	
	06-08	3	3	#	1	#	0	0	#	1	1	4	3	1	
	09-11	3	3	#	#	0	0	0	0	#	2	5	3	1	
	12-14	3	1	0	#	0	0	0	0	0	#	1	2	1	
LESS THAN	15-17	3	1	0	0	0	0	0	0	0	1	1	2	1	
200/1/2	18-20	2	2	#	#	0	0	0	0	#	1	2	3	1	
	21-23	2	1	0	#	0	0	0	0	0	2	2	4	1	
	00-24	3	2	#	#	#	0	#	#	#	1	3	3	1	10

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A W S CLIMATIC BRIEF  JUL 91	STATION NAME: FAIRBANKS IAP AK LATITUDE/LONGITUDE: 64 49 N 147 52 W HOURLY OBS FOR: JAN 81 - DEC 90 SUMMARY OF DAY FOR: JUL 48-DEC 90 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +09												FIELD ELEV: 434 FT STATION NOC: 702610 CALL SIGN: PAFA  SUPERSEDES: N/A			
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	TOT	
	EXTN MAX TEMP (F)	50	47	51	74	89	96	94	90	84	65	48	44	96	42	
	MEAN MAX TEMP (F)	-2	7	24	41	59	70	72	66	54	32	11	1	37	42	
MEAN TEMP (F)		-11	-4	11	31	49	60	62	57	45	25	3	-8	27	42	
MEAN MIN TEMP (F)		-19	-15	-3	20	38	49	52	46	36	18	-5	-16	17	42	
EXTN MIN TEMP (F)		-61	-56	-49	-24	-1	30	34	23	10	-27	-46	-62	-62	42	
D/W TEMP GE 90 (F)		0	0	0	0	1	4	5	2	8	0	0	0	12	42	
D/W TEMP GE 70 (F)		0	0	0	8	4	16	20	11	1	0	0	0	52	42	
D/W TEMP LT 33 (F)		31	28	31	27	7	8	0	1	10	29	30	0	225	42	
D/W TEMP LT 0 (F)		26	22	16	3	8	0	0	0	0	3	18	24	112	42	
HEATING DEGREE DAYS		2127	1884	1565	964	448	159	92	243	556	1209	1837	2022	13106	18	
COOLING DEGREE DAYS		0	0	0	0	1	21	46	6	0	0	0	0	74	18	
MEAN DEWPOINT TEMP (F)		-7	-9	3	15	30	43	49	46	35	17	-3	-4	18	10	
MEAN WET BULB TEMP (F)		-1	-2	12	26	41	51	55	51	40	22	1	0	25	10	
99.95% WCPA (FT)		1800	1800	1500	1500	1200	1200	950	1150	1350	1600	1750	1950	1550	10	
MEAN REL HUM 07 LST(%)		69.6	67.7	65.0	62.3	60.1	69.0	77.1	85.0	82.3	78.4	75.1	76.5	72.4	10	
MEAN REL HUM 13 LST(%)		68.8	63.3	48.6	41.0	38.1	44.0	53.4	59.7	59.8	67.7	74.7	76.6	57.8	10	
MAX 24HR PRECIP (IN)		.56	.86	.87	.47	.77	1.38	1.84	3.42	1.21	.80	.78	.94	3.42	42	
MAX PRECIP (IN)		2.00	1.75	2.10	.93	1.67	3.55	4.87	6.20	3.05	2.19	3.32	3.23	18.52	42	
MEAN PRECIP (IN)		.35	.44	.35	.26	.60	1.41	1.99	1.87	1.01	.80	.70	.78	10.69	42	
MIN PRECIP (IN)		.01	.01	8	8	.07	.19	.40	.40	.12	.08	8	8	5.55	42	
D/W PRECIP GE .01 (IN)		8	6	6	5	7	11	13	12	9	11	10	9	107	42	
D/W PRECIP GT .50 (IN)		8	8	8	0	8	1	1	1	1	8	8	1	5	42	
MAX 24HR SNFL (IN)		9.4	16.0	12.6	5.5	4.5	8	0	8	7.0	9.7	14.6	12.9	16.0	42	
MAX SNFL (IN)		30.9	43.1	29.6	11.4	4.7	8	0	8	7.8	25.9	54.0	50.7	133.8	42	
MEAN SNFL (IN)		10.3	8.8	6.1	3.3	.5	8	0	8	.9	10.5	13.2	13.4	67.1	42	
D/W SNFL GE .1 (IN)		9	8	7	4	1	0	0	0	1	10	12	11	63	42	
D/W SNFL GE 1.5 (IN)		2	2	1	1	8	0	0	0	1	2	3	3	15	42	
MAX OLY SNO DEPTH (IN)		40	52	43	37	14	0	0	0	8	16	42	46	52	42	
FVTLNG WND DIR (DBG)		\$02-04	\$35-01	35-01	35-01	35-01	23-25	23-25	35-01	35-01	35-01	\$35-01	\$35-01	\$35-01	10	
MEAN WND SPD (KTS)		3	4	5	6	7	7	6	6	5	5	3	3	5	10	
MAX WND SPD (KTS)		34	35	40	27	33	37	55	33	44	24	30	33	55	6	
SKY COVER GT 5/10 (%)		56.9	54.4	47.2	59.0	64.4	68.6	73.0	75.9	76.6	74.8	60.6	65.2	64.8	10	
D/W THUNDERSTORMS		1	1	0	8	1	3	3	1	8	8	8	8	10	42	
D/W FOG (VSBY LT 7 MI)		13	9	4	2	2	2	5	7	6	7	9	12	78	42	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS ^ = DATA NOT AVAILABLE FOR/TOT = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE 8 = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION																

MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	19.0	17.6	6.4	6.4	2.7	4.4	7.4	7.3	9.5	21.1	16.4	18.7	11.4	10
	03 - 05	18.9	18.7	6.3	6.3	3.9	7.8	13.2	13.0	12.8	22.8	15.9	19.0	13.2	10
	06 - 08	19.9	22.4	7.6	6.5	7.0	10.7	18.5	22.5	16.2	24.8	18.0	19.0	16.1	10
	09 - 11	23.0	25.9	6.2	8.2	8.2	11.1	15.2	23.3	17.1	28.6	20.5	20.0	17.3	10
	12 - 14	21.6	17.8	5.2	6.8	6.4	7.3	10.5	15.7	14.2	24.6	19.1	20.2	14.1	10
	15 - 17	20.8	11.6	5.2	5.5	2.7	3.4	6.3	7.7	11.6	21.5	19.7	19.5	11.3	10
	18 - 20	19.3	12.6	4.7	5.6	2.5	1.7	4.2	6.0	9.3	20.0	18.8	21.6	10.5	10
	21 - 23	16.9	12.3	5.2	6.1	1.5	1.9	5.2	6.0	9.8	20.6	18.5	19.8	10.3	10
	ALL	19.9	17.4	5.8	6.4	4.4	6.0	10.1	12.7	12.6	23.0	16.4	19.7	13.0	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	13.6	10.8	2.8	2.8	1.2	1.8	4.4	3.4	4.1	11.2	10.7	12.2	6.6	10
	03 - 05	13.7	12.7	2.6	3.0	2.2	4.5	8.7	8.8	7.4	12.3	10.4	12.2	8.2	10
	06 - 08	14.4	14.8	3.6	3.6	2.8	7.3	14.0	16.7	11.1	12.9	11.2	11.7	10.3	10
	09 - 11	17.4	20.4	4.4	4.9	3.2	5.8	8.5	12.8	9.5	16.7	12.4	12.2	10.7	10
	12 - 14	17.8	12.8	2.4	2.8	1.7	2.6	4.2	4.0	5.4	15.5	14.2	13.6	8.1	10
	15 - 17	17.3	8.0	2.4	1.8	.6	.9	2.3	1.5	3.5	12.2	12.4	13.5	6.4	10
	18 - 20	13.8	6.2	2.0	2.7	1.0	.1	1.4	1.9	3.3	10.0	8.6	13.2	5.3	10
	21 - 23	12.6	5.6	2.6	2.7	1.1	.4	2.3	1.8	3.8	11.6	11.0	12.9	5.7	10
	ALL	15.1	11.4	2.8	3.0	1.7	2.9	5.7	6.4	6.0	12.8	11.4	12.7	7.7	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	10.3	6.5	1.4	1.1	.6	1.0	2.3	2.0	3.1	6.9	5.8	6.5	4.0	10
	03 - 05	10.3	10.0	1.2	1.7	1.3	3.2	6.2	5.9	4.9	7.3	5.8	7.3	5.4	10
	06 - 08	10.6	11.8	2.2	2.6	1.9	4.6	9.2	12.9	8.1	8.4	5.3	7.6	7.1	10
	09 - 11	13.1	15.1	2.5	2.9	1.9	2.4	3.8	8.2	7.0	12.0	7.9	8.0	7.1	10
	12 - 14	13.5	8.4	1.9	1.9	.5	.7	1.6	1.5	3.2	9.6	7.4	9.3	5.0	10
	15 - 17	13.9	4.2	1.2	1.1	.2	.0	1.4	.3	1.9	7.2	7.4	9.7	4.0	10
	18 - 20	11.1	4.0	.8	1.3	.4	.0	.7	.4	1.5	5.8	4.8	8.2	3.2	10
	21 - 23	10.3	3.8	.6	1.0	.5	.3	1.0	.9	2.0	6.5	5.8	8.2	3.4	10
	ALL	11.6	8.0	1.5	1.7	.9	1.5	3.3	4.0	4.0	8.0	6.3	8.1	4.9	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	4.5	.7	.2	.3	.0	.0	.0	.0	.0	.2	.6	.5	.6	10
	03 - 05	4.1	1.5	.2	.3	.2	.9	.5	1.2	.9	.9	.3	.8	1.0	10
	06 - 08	4.2	1.8	.1	.3	.1	.2	.8	2.7	1.1	1.0	.8	1.5	1.2	10
	09 - 11	6.5	3.6	.4	.0	.0	.0	.0	.3	.3	1.5	.9	1.6	1.3	10
	12 - 14	6.8	.6	.0	.2	.0	.0	.0	.0	.0	.5	.6	2.0	.9	10
	15 - 17	5.8	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.5	.6	10
	18 - 20	4.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.4	1.6	.5	10
	21 - 23	3.1	.0	.1	.0	.0	.0	.0	.0	.1	.6	.4	1.6	.5	10
	ALL	4.9	1.1	.1	.2	.0	.1	.2	.5	.3	.6	.5	1.4	.8	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : 0															

A W S CLIMATIC BRIEF  AUG 92	STATION NAME: FT RICHARDSON/BRYANT AHP AK LATITUDE/LONGITUDE: 61 16 N 149 39 W HOURLY OBS FOR: FEB 82 - JAN 92 SUMMARY OF DAY FOR: FEB 77-JAN 92 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +09												FIELD ELEV: 378 FT STATION NO: 702700 CALL SIGN: PAFR  SUPERSEDES: JUN 86			
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	TOR	
	EXTN MAX TEMP (F)	48	47	54	62	74	81	83	82	68	63	52	50	81	16	
	MEAN MAX TEMP (F)	22	26	36	45	56	63	66	64	55	40	26	22	44	16	
MEAN TEMP (F)	16	17	27	36	48	55	59	56	48	34	19	16	36	16		
MEAN MIN TEMP (F)	9	9	18	27	39	47	51	48	40	27	12	10	28	16		
EXTN MIN TEMP (F)	-37	-25	-12	-9	25	34	41	30	15	-9	-27	-28	-37	16		
D/W TEMP GE 80 (F)	0	0	0	0	0	1	1	1	0	0	0	0	2	16		
D/W TEMP GE 70 (F)	0	0	0	0	1	6	8	5	0	0	0	0	20	16		
D/W TEMP LT 33 (F)	31	27	29	22	4	0	0	1	4	21	29	30	198	16		
D/W TEMP LT 0 (F)	8	9	3	1	0	0	0	0	0	1	4	8	34	16		
HEATING DEGREE DAYS	1477	1382	1189	864	527	272	180	261	484	974	1430	1394	10434	9		
COOLING DEGREE DAYS	0	0	0	0	0	1	4	1	0	0	0	0	6	9		
MEAN DEWPOINT TEMP (F)	10	7	16	24	34	42	49	47	40	26	11	14	27	10		
MEAN WET BULB TEMP (F)	15	13	23	31	41	49	53	51	44	30	15	18	32	10		
99.95% WCPA (FT)	2050	2000	1550	1450	1200	1050	850	1050	1300	1800	1950	2050	1600	10		
MEAN REL HUM 07 LST(%)	76.8	71.3	73.8	73.7	70.0	71.2	79.0	83.5	84.4	82.1	78.4	80.6	77.1	10		
MEAN REL HUM 13 LST(%)	75.1	66.6	60.9	56.4	52.6	56.0	64.7	66.7	68.7	71.0	74.0	78.1	66.0	10		
MAX 24HR PRECIP (IN)	.46	1.02	1.01	.53	.61	.62	1.04	2.02	1.13	1.08	.70	.65	2.02	16		
MAX PRECIP (IN)	1.51	2.04	2.59	1.89	2.13	3.01	4.60	6.77	4.74	3.02	2.25	2.32	20.56	16		
MEAN PRECIP (IN)	.80	.74	.49	.41	.72	1.05	2.18	2.75	2.42	1.95	.98	1.15	15.51	16		
MIN PRECIP (IN)	.12	.16	.01	.02	.01	#	.56	1.11	1.06	.42	.02	.26	13.09	16		
D/W PRECIP GE .01 (IN)	10	6	6	5	7	8	14	14	15	13	9	12	119	16		
D/W PRECIP GT .50 (IN)	0	1	#	#	#	1	1	1	1	1	1	1	8	16		
MAX 24HR SNFL (IN)	8.5	11.8	7.4	8.4	#	0	0	0	6.0	11.4	11.8	8.5	11.8	16		
MAX SNFL (IN)	33.2	31.6	22.6	17.8	#	0	0	0	6.0	37.1	29.9	32.3	123.4	16		
MEAN SNFL (IN)	12.4	10.5	5.8	3.7	#	0	0	0	.2	11.2	13.7	16.7	78.1	16		
D/W SNFL GE .1 (IN)	8	6	5	3	0	0	0	0	1	5	8	11	47	16		
D/W SNFL GE 1.5 (IN)	3	2	1	1	0	0	0	0	#	2	4	4	17	16		
MAX DLY SNO DEPTH (IN)	28	32	29	15	0	0	0	0	3	18	19	26	32	16		
PRVING WND DIR (DEG)	\$05-07	\$02-04	\$02-04	\$02-04	\$26-28	\$26-28	\$26-28	\$02-04	\$14-16	\$02-04	\$05-07	\$02-04	\$02-04	10		
MEAN WND SPD (KTS)	2	2	2	2	3	3	2	2	2	2	1	2	2	10		
MAX WND SPD (KTS)	59	55	63	77	57	42	40	51	52	61	64	65	77	15		
SKY COVER GT 5/10 (%)	75.7	66.3	60.7	67.9	77.3	79.2	79.4	77.4	76.4	69.0	66.6	82.2	73.3	10		
D/W THUNDERSTORMS	0	0	0	0	1	1	1	1	1	#	0	0	5	16		
D/W FOG (VSBY LT 7 MI)	11	8	4	4	2	1	4	6	5	10	11	14	80	16		
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE % = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION																

MONTH		JAN	FEB	PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY												MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST																										
	00 - 02	17.4	12.5	8.2	6.2	2.4	.8	6.7	5.6	5.4	15.6	18.1	22.4	10.1	10												
	03 - 05	16.7	13.9	7.5	6.2	2.7	2.4	7.7	8.1	7.2	16.4	17.2	22.2	10.8	10												
	06 - 08	18.5	15.0	8.2	8.6	3.9	2.8	11.8	9.0	8.3	17.9	18.5	21.8	12.0	10												
	09 - 11	16.1	14.6	7.4	5.7	3.5	3.3	14.9	7.1	8.1	16.0	16.2	19.5	11.0	10												
	12 - 14	14.2	10.2	7.1	5.0	3.4	3.1	9.8	7.9	7.2	12.9	12.8	18.8	9.4	10												
	15 - 17	14.9	9.4	4.8	3.5	1.9	.8	4.3	5.0	6.0	10.9	11.8	18.1	7.6	10												
	18 - 20	15.9	9.9	5.2	4.4	1.2	.8	3.0	3.1	4.9	12.6	15.7	20.8	8.1	10												
	21 - 23	16.4	11.7	8.6	4.3	1.3	.7	3.1	3.9	6.2	14.9	16.9	21.6	9.1	10												
	ALL	16.3	12.1	7.1	5.7	2.5	1.8	7.7	6.2	6.7	14.7	15.9	20.7	9.9	10												
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	13.9	9.9	5.9	3.7	1.2	.4	3.1	4.3	5.1	12.6	14.9	16.8	7.6	10												
	03 - 05	13.1	10.3	4.8	4.6	1.7	1.0	4.4	5.2	5.7	12.6	13.2	18.1	7.9	10												
	06 - 08	15.1	11.8	5.5	5.7	1.3	1.2	6.9	6.3	5.7	13.6	14.6	17.9	8.8	10												
	09 - 11	13.7	12.5	6.3	3.1	1.3	1.4	8.6	5.1	5.4	13.0	12.9	14.7	8.2	10												
	12 - 14	11.5	8.7	5.1	1.9	.8	.6	4.4	4.0	4.2	9.3	9.6	12.4	6.0	10												
	15 - 17	11.6	8.0	3.9	1.9	.1	.0	2.3	2.3	3.1	8.7	7.9	10.9	5.1	10												
	18 - 20	11.4	8.3	4.2	2.4	.7	.0	1.7	2.4	2.8	8.6	11.9	15.3	5.8	10												
	21 - 23	13.3	9.3	6.3	2.9	.5	.4	1.9	2.7	4.3	10.6	14.0	16.3	6.9	10												
	ALL	13.0	9.8	5.3	3.3	1.0	.6	4.2	4.0	4.5	11.1	12.4	15.3	7.1	10												
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	11.2	7.7	4.0	2.9	.4	.4	1.9	1.6	3.6	10.6	13.1	13.0	5.9	10												
	03 - 05	11.2	7.7	3.9	3.6	.8	1.0	3.5	3.1	4.7	10.2	10.6	14.8	6.3	10												
	06 - 08	13.0	9.3	4.4	5.0	.8	.8	3.9	4.3	4.7	11.3	12.7	14.9	7.1	10												
	09 - 11	11.6	10.9	5.2	2.1	.7	.3	4.3	3.0	4.6	11.3	10.8	12.0	6.4	10												
	12 - 14	9.4	6.9	3.5	1.1	.5	.3	1.2	1.7	2.5	6.7	8.1	10.3	4.3	10												
	15 - 17	10.8	6.3	3.0	1.4	.0	.0	.8	.9	1.5	6.3	6.7	9.0	3.9	10												
	18 - 20	9.6	6.9	3.5	1.8	.1	.0	.9	.9	1.4	6.6	8.7	12.5	4.4	10												
	21 - 23	11.5	7.1	5.2	2.1	.4	.4	1.2	1.1	2.5	8.6	11.4	12.9	5.4	10												
	ALL	11.1	7.9	4.1	2.5	.5	.4	2.2	2.1	3.2	9.0	10.2	12.4	5.5	10												
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	2.2	1.3	.5	.4	.4	.0	.0	.7	.3	1.5	2.5	2.3	1.0	10												
	03 - 05	3.1	2.5	.7	1.2	.3	.3	.4	.5	1.1	1.6	3.1	2.2	1.4	10												
	06 - 08	3.9	2.8	.8	1.5	.0	.1	.3	.9	1.5	2.4	3.8	2.3	1.7	10												
	09 - 11	3.6	3.8	.1	.1	.0	.0	.0	.0	1.0	2.2	3.3	1.3	1.3	10												
	12 - 14	1.9	1.9	.1	.0	.0	.0	.0	.0	.7	2.5	1.3	.7	.7	10												
	15 - 17	1.9	.4	.1	.0	.0	.0	.0	.0	.0	1.6	1.7	1.6	.6	10												
	18 - 20	1.7	.6	.0	.0	.0	.0	.0	.0	.0	2.0	.6	2.3	.6	10												
	21 - 23	1.8	1.2	.1	.3	.0	.0	.0	.1	.0	1.7	2.2	2.2	.8	10												
	ALL	2.5	1.8	.3	.5	.1	.1	.1	.3	.5	1.7	2.4	1.9	1.0	10												
HURRICANES/TROPICAL STORMS OBSERVED : NONE																											
REMARKS : @																											

A W S	STATION NAME: FORT YUKON ALASKA														FIELD ELEV: 433 FT	
CLIMATIC BRIEF (LIMITED)	LATITUDE/LONGITUDE: 66 34 N 145 15 W														STATION MSC: 701940	
	HOURLY OBS POR: JAN 80 - DEC 89														CALL SIGN: PFYU	
	SUMMARY OF DAY POR: JAN 24 - DEC 33, JAN 45 - DEC 66 (PARI TIME)															
	HOURS SUMMARIZED: VARIABLE HOURS														SUPERSEDES: DEC 71	
JUN 90	LST TO UTC: +09															
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR		
Q EXTRM MAX TEMP (F)	40	36	50	64	91	89	97	88	79	52	38	35	97	40		
MEAN MAX TEMP (F)	-13	-6	13	33	55	69	72	66	50	27	2	-12	30	30		
MEAN TEMP (F)	-22	-16	0	20	44	59	62	55	41	20	-5	-20	20	30		
MEAN MIN TEMP (F)	-29	-25	-12	8	32	47	51	44	32	13	-13	-28	10	30		
Q EXTRM MIN TEMP (F)	-69	-68	-51	-41	-5	25	25	21	3	-37	-52	-67	-69	40		
D/W TEMP GE 80 (F)	0	0	0	0	1	2	5	2	0	0	0	0	10	30		
D/W TEMP GE 70 (F)	0	0	0	0	2	16	19	9	1	0	0	0	47	30		
D/W TEMP LT 33 (F)	31	28	30	29	16	1	#	2	16	30	30	31	244	30		
D/W TEMP LT 0 (F)	29	25	22	8	#	0	0	0	0	4	21	30	139	30		
HEATING DEGREE DAYS	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
COOLING DEGREE DAYS	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Q MEAN DEWPOINT TEMP (F)	*	*	*	9	25	42	46	43	31	11	*	*	*	10		
Q MEAN WET BULB TEMP (F)	*	*	*	19	37	51	54	49	36	16	*	*	*	10		
99.95% WCPA (FT)	1700	1500	1450	1350	1200	1150	950	1100	1250	1600	1600	1750	1400	10		
MEAN REL HUM 07 LST(%)	64.3	62.7	62.8	67.0	58.4	61.9	68.1	80.5	83.4	81.3	65.0	68.5	69.1	10		
MEAN REL HUM 13 LST(%)	64.5	61.3	48.8	45.1	37.8	40.5	46.9	55.7	57.3	73.1	63.7	67.2	54.9	10		
MAX 24HR PRECIP (IN)	.49	.31	.24	.43	.66	1.25	1.52	1.55	.62	.75	.35	.38	1.55	30		
MAX PRECIP (IN)	1.32	.78	.87	.92	1.07	3.40	2.85	2.96	1.98	1.67	1.17	1.02	9.73	30		
MEAN PRECIP (IN)	.35	.28	.28	.21	.30	.79	.90	1.20	.87	.56	.42	.38	6.33	30		
MIN PRECIP (IN)	#	.01	#	.00	#	.07	#	.05	.09	.07	.03	#	2.84	30		
D/W PRECIP GE .01 (IN)	7	6	6	3	4	6	7	9	9	8	7	6	78	30		
D/W PRECIP GT .50 (IN)	0	0	0	0	#	1	1	1	1	#	0	0	4	30		
MAX 24HR SNFL (IN)	5.0	5.0	3.4	3.8	6.2	0	0	1.4	7.0	10.0	9.0	5.0	10.0	30		
MAX SNFL (IN)	13.9	11.3	11.3	10.6	7.4	0	0	1.4	11.6	21.0	20.0	13.7	73.4	30		
MEAN SNFL (IN)	5.9	4.8	4.6	2.4	.7	0	0	#	2.1	7.6	7.0	6.0	42.4	30		
D/W SNFL GE .1 (IN)	7	6	6	3	1	0	0	#	1	7	7	6	44	30		
D/W SNFL GE 1.5 (IN)	1	1	1	1	#	0	0	0	1	2	1	1	9	30		
MAX DLY SNO DEPTH (IN)	36	38	46	48	32	0	0	#	4	17	22	29	48	30		
PRVING WND DIR (DEG)	02-04	02-04	02-04	02-04	02-04	05-07	23-25	23-25	02-04	02-04	02-04	02-04	02-04	10		
MEAN WND SPD (KTS)	3	4	5	6	7	6	6	5	5	5	4	3	5	10		
Q MAX WND SPD (KTS)	23	35	29	26	21	27	25	30	30	22	25	30	35	10		
SKY COVER GT 5/10 (%)	43.2	38.0	25.3	31.1	37.3	37.8	42.1	57.6	55.6	61.2	43.6	56.9	42.9	10		
D/W THUNDERSTORMS	0	0	0	0	0	1	1	#	0	0	0	0	2	17		
D/W FOG (VSBY LT 7 MI)	16	13	8	5	2	1	2	2	4	9	10	16	88	17		
LEGEND: ANN = ANNUAL																
D/W = MEAN NUMBER OF DAYS WITH																
% = BASED ON LESS THAN FULL MONTHS																
** = INSTANTANEOUS PEAK WINDS																
* = DATA NOT AVAILABLE																
POR/YOR = PERIOD/YEARS OF RECORD																
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE																
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE																
% = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION																

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR		
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST																
	00 - 02	25.6	8.1	4.2	3.6	2.7	6.1	2.8	.0	1.4	1.9	1.2	21.3	6.6	10		
	03 - 05	22.8	7.1	1.6	1.4	2.1	.7	.0	.0	.0	6.0	2.4	16.1	5.0	10		
	06 - 08	28.2	16.2	7.4	6.6	6.4	9.1	6.9	17.7	22.5	28.9	18.7	21.4	15.8	10		
	09 - 11	24.7	14.9	5.5	3.4	6.0	9.0	7.3	15.5	13.0	30.3	27.1	25.5	15.2	10		
	12 - 14	22.1	11.3	4.2	2.4	9.2	8.2	8.7	16.2	17.4	22.8	17.0	26.1	13.8	10		
	15 - 17	23.2	6.3	2.6	2.3	12.9	7.9	7.9	14.9	11.2	21.6	23.1	23.2	13.1	10		
	18 - 20	26.7	7.8	4.9	2.3	7.2	5.7	5.6	12.4	10.0	22.1	17.8	19.1	11.8	10		
	21 - 23	22.0	7.8	5.0	7.1	5.6	5.6	3.7	6.5	9.8	22.4	17.8	17.8	10.9	10		
	ALL	24.5	10.6	4.7	3.7	7.3	7.4	6.4	13.8	14.3	23.6	19.2	22.2	12.1	10		
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	23.2	8.1	3.5	3.6	2.7	6.1	2.8	.0	1.4	1.9	1.2	21.3	6.3	10		
	03 - 05	22.8	5.4	1.6	1.4	1.4	.7	.0	.0	.0	1.5	2.4	16.1	4.4	10		
	06 - 08	15.8	11.5	4.4	3.8	3.4	2.2	2.7	9.1	7.7	13.6	6.1	6.9	7.3	10		
	09 - 11	17.7	11.7	3.0	3.1	2.2	2.5	2.2	8.2	3.4	13.1	15.7	11.6	7.9	10		
	12 - 14	18.5	9.9	1.8	1.1	3.0	2.0	3.7	7.8	3.7	12.1	8.3	13.8	7.1	10		
	15 - 17	17.6	5.0	1.5	1.4	5.4	2.1	2.3	5.8	2.6	10.0	13.7	10.9	6.5	10		
	18 - 20	20.2	6.3	2.9	1.8	2.8	1.2	2.0	3.7	1.7	8.0	10.0	6.8	5.6	10		
	21 - 23	14.8	5.7	3.2	6.6	3.9	5.1	1.8	1.2	.6	11.5	9.6	8.6	6.0	10		
	ALL	18.1	8.3	2.7	2.7	3.3	2.4	2.5	6.2	3.7	11.0	10.2	10.4	6.2	10		
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	17.1	1.6	1.4	.0	.7	.8	.9	.0	1.4	.0	1.2	8.2	2.8	10		
	03 - 05	16.5	.0	.0	.7	.0	.7	.0	.0	.0	1.5	2.4	8.9	2.6	10		
	06 - 08	13.5	8.3	3.9	3.1	1.5	1.1	1.3	6.0	4.1	9.2	4.8	3.3	5.0	10		
	09 - 11	13.1	10.2	1.6	1.2	1.1	1.2	1.1	3.2	1.0	7.1	10.8	7.3	4.9	10		
	12 - 14	12.4	7.5	1.2	.8	1.5	1.0	.7	2.6	1.9	8.1	4.8	7.8	4.2	10		
	15 - 17	10.3	4.0	1.3	.8	1.8	.0	.3	2.5	.4	7.2	9.1	6.0	3.6	10		
	18 - 20	14.6	2.4	1.0	1.0	1.1	.3	1.0	1.2	.8	5.6	6.6	2.1	3.1	10		
	21 - 23	12.1	3.1	1.1	2.4	2.2	2.1	.9	.0	.0	7.7	6.1	4.6	3.5	10		
	ALL	13.0	5.7	1.6	1.4	1.4	.9	.9	2.9	1.7	7.2	6.9	5.5	3.7	10		
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	9.8	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0	3.3	1.2	10		
	03 - 05	11.4	.0	.0	.0	.0	.7	.0	.0	.0	1.5	1.2	5.4	1.7	10		
	06 - 08	6.6	2.4	.3	.0	.0	.0	.0	2.2	3.2	2.1	1.3	.4	1.5	10		
	09 - 11	4.3	2.9	.0	.0	.0	.0	.0	.0	.0	1.5	3.3	1.5	1.1	10		
	12 - 14	4.8	3.3	.0	.0	.2	.2	.0	.0	.3	1.0	.9	1.8	1.0	10		
	15 - 17	2.4	1.0	.0	.0	.0	.0	.0	.0	.0	.4	1.1	1.0	.5	10		
	18 - 20	5.7	1.6	.0	.0	.0	.0	.0	.0	.0	1.4	1.7	1.3	1.0	10		
	21 - 23	6.0	1.0	.0	.0	.4	.5	.0	.0	.0	1.3	2.6	1.0	1.1	10		
	ALL	5.3	1.9	.0	.0	.1	.1	.0	.6	.9	1.3	1.7	1.4	1.0	10		
HURRICANES/TROPICAL STORMS OBSERVED : NONE																	
REMARKS : a DATA SUPPLEMENTED FROM FORT YUKON HOURLY OBSERVATIONS FOR 1980 - 1989.																	
22 MEAN DEW POINTS/WET-BULB TEMPERATURES UNRELIABLE IN WINTER MONTHS. DEW POINTS NOT REPORTED WHEN TEMPERATURE IS BELOW -35 DEGREES F (SEE FORT YUKON SOCS, NOTE 1, PAGE E-1-2).																	

PREPARED BY: USAPETAC DATE: 1983			STATION NAME: STATION LOCATION: 64 50 W 17 37			PERIOD: 0000 FT ELEV: 948 FT			STN LTGS: 83 8 NSC NO: 702615																																																																																																																										
AWS CLIMATIC BRIEF												MEAN												SURFACE WINDS												MEAN NUMBER OF DAYS OCCURRENCE OF																																																																																															
TEMPERATURE (°F)												PRECIPITATION (IN)												SHOWFALL (IN)												RELATIVE HUMIDITY (%)												WIND DIRECTION												WIND SPEED												PRECIP												SHOWFALL												TEMPERATURE (°F)																																			
MEAN												EXTREME												MONTHLY												MONTHLY												MAX 24 HRS												MAX 24 HRS												MAX 24 HRS												MAX 24 HRS												MAX 24 HRS												MAX 24 HRS												MAX 24 HRS											
MEAN												EXTREME												MONTHLY												MONTHLY												MAX 24 HRS												MAX 24 HRS												MAX 24 HRS												MAX 24 HRS												MAX 24 HRS												MAX 24 HRS												MAX 24 HRS											
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MEAN												EXTREME												MONTHLY												MONTHLY																																																																																															





# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GULKANA, AK  
LOCATION: 62°09'N, 145°27'W  
PREPARED BY: USAFETAC/ECR, APR 1987

STATION #: 702710  
ELEVATION (FEET): 1578  
PERIOD: VARIED

ICAO ID: PAGK  
LST - GMT -9

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	46	46	50	67	85	90	91	86	72	65	48	44	91
MEAN DLY MAX	2	2	14	28	41	55	65	68	65	54	36	14	3	37
MEAN	2	-7	3	15	30	44	54	57	53	44	27	7	-5	27
MEAN DLY MIN	2	-15	-8	1	19	33	42	46	42	33	19	-1	-12	17
EXTREME MIN	2	-60	-65	-48	-42	5	28	29	20	5	-23	-44	-58	-65
# DAYS > 70	2	0	0	0	0	1	9	12	7	#	0	0	0	29
# DAYS > 32	2	31	28	30	29	15	1	#	3	13	28	30	31	239
# DAYS > 0	2	24	19	15	2	0	0	0	0	0	4	18	24	104
2. PRECIPITATION (INCHES)														
MAXIMUM	2	1.56	1.65	1.32	0.82	1.51	4.07	3.32	4.19	4.34	2.42	4.11	3.07	4.34
MEAN	2	0.51	0.49	0.35	0.21	0.54	1.40	1.93	1.58	1.54	0.83	0.71	0.83	10.92
MINIMUM	2	#	.04	#	0	#	0.08	0.48	0.14	0.07	0.11	0.01	0.07	0.0
MAX 24 HR	2	0.76	0.96	0.78	0.78	1.25	1.51	2.04	2.01	2.06	1.15	2.02	1.19	2.06
# DAYS > 0.01	2	7	5	5	3	4	9	13	11	9	8	6	8	87
# DAYS > 0.5	2	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOW/ICE PELLETS (INCHES)														
MEAN	2	6.9	6.6	5.0	2.4	.5	#	0	#	.9	7.1	8.1	10.2	47.7
MAXIMUM	2	21.4	20.1	23.4	15.3	5.0	#	*	4.0	6.4	22.7	36.2	30.0	36.2
MAX 24 HR	2	7.5	14.0	10.6	6.0	4.0	#	*	4.0	4.0	13.0	8.3	12.0	14.0
# DAYS > 0.1	2	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.0	2	2	2	2	1	#	0	0	0	1	3	3	4	28
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (04 LST)	1	70	69	80	75	76	76	83	84	82	80	73	65	75
RH (14 LST)	1	69	60	51	42	37	42	49	48	49	64	74	71	54
VAPOR PRESS	1	.04	.05	.07	.11	.16	.23	.30	.28	.20	.13	.06	.04	.14
DEWPOINT	1	7	6	9	18	28	27	44	42	33	22	8	4	24
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$N	\$N	\$S	S	S	S	S	S	S	\$S	\$N	\$N	\$S
MEAN SPEED	1													
(PVLG DRCTN)	1	4	4	10	10	8	8	7	6	9	9	3	3	9
MEAN SPEED	1													
(ALL OBS)	1	3	3	4	6	6	6	6	5	5	5	3	2	4
MAX (PK GST)	1	45	42	37	45	36	40	36	39	45	39	36	42	45
PRESSURE ALT	1	2750	2900	2550	2450	2350	2100	2050	2400	2500	2650	5800	2950	2950
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	4	4	5	5	5	5	5	5	5	4	5
DAYS TSTMS	2	0	0	0	0	1	1	2	1	0	0	0	0	5
DAYS FOG < 7	1	11	6	4	2	2	3	4	4	4	8	10	13	71
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN  
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8412, HRLY  
 2. NATIONAL CLIMATIC DATA CENTER SUMMARY, POR 5-42 YRS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	33	7	11	18	3	18	4	0	50	0	100	100	29
03-05 LST	29	11	14	19	6	11	20	17	15	22	40	33	20
06-08 LST	25	19	17	7	7	10	18	13	13	27	29	28	18
09-11 LST	25	19	13	7	7	10	17	11	13	27	29	30	17
12-14 LST	23	15	9	7	5	10	13	9	9	26	28	28	15
15-17 LST	23	15	9	6	5	8	10	8	8	24	27	29	14
18-20 LST	23	16	9	7	4	6	8	7	10	24	28	26	14
21-23 LST	21	14	10	9	0	12	0	50	#	21	23	25	15
ALL HOURS	25	14	12	10	5	11	11	14	15	21	38	37	18

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	30	7	5	11	3	15	4	0	0	0	100	100	23
03-05 LST	22	9	7	12	3	6	11	13	10	14	33	26	14
06-08 LST	19	13	9	4	4	5	11	9	8	18	22	22	12
09-11 LST	19	14	7	4	3	5	8	6	8	19	22	23	11
12-14 LST	17	11	5	3	2	5	4	5	6	18	20	22	10
15-17 LST	17	11	5	2	1	3	3	3	5	15	21	21	9
18-20 LST	18	12	7	2	1	2	3	2	5	15	22	20	9
21-23 LST	15	10	7	6	0	8	0	50	#	14	19	19	12
ALL HOURS	20	11	6	6	2	6	6	11	5	14	32	32	13

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	7	2	11	2	8	0	0	0	0	100	100	21
03-05 LST	18	6	5	11	3	4	9	10	8	11	26	18	11
06-08 LST	14	9	6	3	3	3	8	3	7	13	16	16	9
09-11 LST	14	9	4	2	1	3	6	4	6	12	17	18	8
12-14 LST	12	8	3	1	1	2	3	2	4	12	14	16	7
15-17 LST	11	8	4	1	1	1	2	2	3	10	16	16	6
18-20 LST	12	8	5	2	#	1	1	1	3	11	16	14	6
21-23 LST	12	6	5	5	0	0	0	50	#	7	12	14	9
ALL HOURS	14	8	4	5	1	3	4	9	4	9	27	27	10

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	6	0	5	0	2	0	0	0	0	50	0	5
03-05 LST	1	1	1	2	1	0	2	3	1	2	7	3	2
06-08 LST	2	1	1	1	#	#	#	2	2	4	3	4	2
09-11 LST	2	2	#	#	0	#	#	#	0	2	2	5	1
12-14 LST	1	1	#	#	#	#	#	#	#	1	1	4	1
15-17 LST	1	2	#	0	0	0	#	0	0	1	1	3	1
18-20 LST	1	2	#	#	0	0	0	0	0	1	2	2	1
21-23 LST	1	1	1	1	0	0	0	0	#	3	2	2	1
ALL HOURS	1	2	#	1	#	#	#	1	1	2	8	3	2

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: GULKANA, AK  
 LOCATION: 62°09'N, 145°27'W  
 PREPARED BY: USAFETAC/ECR, APR 1987

STATION #: 702710  
 ELEVATION (FEET): 1578  
 PERIOD: 7301-8412, HRLY

ICAO ID: PAGK  
 LST = GMT -9

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	#	0	0	0	0	0	#
06-08 LST	0	#	0	0	0	0	0	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	#	#	#	#	#	0	#	0	#
15-17 LST	0	0	0	0	#	1	1	#	#	0	0	0	#
18-20 LST	0	0	0	0	#	#	1	#	0	0	0	0	#
21-23 LST	0	0	0	0	0	0	0	0	#	0	0	0	0
ALL HOURS	0	#	0	0	#	#	#	#	#	0	#	0	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	23	14	0	0	0	0	0	3
03-05 LST	2	0	0	1	3	15	16	12	7	4	0	0	5
06-08 LST	1	#	#	#	2	10	16	10	6	3	1	0	4
09-11 LST	1	1	0	#	2	9	9	7	6	3	1	0	3
12-14 LST	#	1	0	#	2	8	8	8	5	3	#	#	3
15-17 LST	1	1	#	1	3	9	10	9	7	2	1	0	4
18-20 LST	1	#	0	1	3	10	10	11	7	3	1	#	4
21-23 LST	#	0	0	#	0	20	15	50	#	0	1	0	7
ALL HOURS	1	#	#	1	21	13	12	14	5	2	#	#	4

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	10	8	5	0	0	0	0	0	0	50	0	8
03-05 LST	20	12	8	8	1	0	0	0	1	8	16	16	7
06-08 LST	11	10	10	4	1	#	0	0	1	9	12	16	6
09-11 LST	9	11	8	3	#	0	0	0	1	9	9	15	5
12-14 LST	11	9	5	2	1	0	0	#	1	8	11	15	5
15-17 LST	9	9	5	2	#	0	0	0	1	6	12	15	5
18-20 LST	10	11	8	2	#	0	0	0	1	7	13	13	5
21-23 LST	10	9	8	5	0	0	0	0	#	0	10	14	5
ALL HOURS	13	10	7	4	#	#	0	#	1	7	17	13	6

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	0	2	2	0	0	0	0	0	0	0	0	#
03-05 LST	5	0	1	2	#	#	#	1	#	2	2	0	1
06-08 LST	3	2	1	1	1	1	1	1	2	2	1	1	1
09-11 LST	3	2	3	6	3	3	1	2	5	4	1	1	3
12-14 LST	3	4	5	7	4	4	2	5	8	4	3	1	4
15-17 LST	2	5	4	6	3	5	3	5	6	3	2	1	4
18-20 LST	2	2	2	2	2	2	1	2	3	2	1	1	2
21-23 LST	2	2	1	1	0	0	0	0	#	0	1	1	1
ALL HOURS	3	2	2	3	2	2	1	2	3	2	2	1	2

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8412, HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	6	2	9	2	5	0	0	0	0	50	100	16
03-05 LST	11	5	2	7	2	2	5	7	5	8	21	11	7
06-08 LST	11	8	4	2	2	1	5	6	4	10	11	12	6
09-11 LST	10	7	3	2	1	2	2	2	3	8	10	14	5
12-14 LST	8	7	2	1	1	#	1	1	2	8	8	12	4
15-17 LST	8	7	3	1	#	#	#	#	1	5	9	13	4
18-20 LST	10	7	5	2	#	#	#	#	1	9	12	11	5
21-23 LST	10	5	5	4	0	0	0	50	#	7	10	12	9
ALL HOURS	11	7	3	3	1	1	2	8	2	7	16	23	7

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	6	2	5	2	5	0	0	0	0	50	100	15
03-05 LST	7	5	1	6	2	1	4	6	5	6	12	7	5
06-08 LST	8	6	3	2	2	#	3	5	4	8	7	9	5
09-11 LST	8	5	2	1	#	1	2	1	3	6	7	13	4
12-14 LST	6	5	2	1	1	#	1	1	2	5	5	10	3
15-17 LST	6	5	3	1	#	#	#	#	1	4	6	10	3
18-20 LST	7	6	3	2	#	#	#	#	1	4	8	7	3
21-23 LST	6	4	4	3	0	0	0	50	#	7	5	9	7
ALL HOURS	7	5	2	3	1	1	1	8	2	5	12	20	6

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	6	2	5	2	5	0	0	0	0	50	100	15
03-05 LST	6	3	1	4	2	1	4	4	3	4	9	7	4
06-08 LST	5	4	3	2	1	#	1	3	3	6	6	7	3
09-11 LST	6	5	2	1	#	#	#	#	1	5	5	10	3
12-14 LST	5	4	2	1	#	#	#	#	1	3	4	8	2
15-17 LST	5	4	2	1	#	#	#	#	1	3	5	8	2
18-20 LST	5	5	3	1	0	#	0	#	#	3	6	6	2
21-23 LST	4	3	3	2	0	0	0	0	#	3	4	7	2
ALL HOURS	6	4	2	2	1	1	1	1	1	3	11	19	4

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	6	0	5	0	0	0	0	0	0	50	0	5
03-05 LST	0	1	0	2	1	0	1	2	1	0	3	3	1
06-08 LST	#	1	#	#	#	#	#	1	1	2	1	1	1
09-11 LST	1	1	#	0	0	0	#	0	#	1	1	2	1
12-14 LST	1	#	#	0	#	#	#	#	#	#	0	1	#
15-17 LST	0	1	#	0	0	0	#	0	0	#	#	#	#
18-20 LST	#	1	0	0	0	0	0	0	0	0	1	1	#
21-23 LST	#	#	0	1	0	0	0	0	#	0	1	#	#
ALL HOURS	1	1	#	1	#	#	#	#	#	#	7	1	1

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: HOMER, AK  
LOCATION: 59°38'N, 151°30'W  
PREPARED BY: USAFETAC/ECR, APR 1987

STATION #: 703410  
ELEVATION (FEET): 63  
PERIOD: VARIED

ICAO ID: PAHO  
LST - GMT -9

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	51	51	53	63	69	80	78	78	68	64	52	50	80
MEAN DLY MAX	2	28	31	35	42	50	56	60	60	55	44	35	29	44
MEAN	2	22	24	28	35	42	49	53	53	47	38	29	23	37
MEAN DLY MIN	2	16	18	21	28	35	41	45	45	40	31	23	17	30
EXTREME MIN	2	-18	-18	-21	-9	6	29	34	31	20	2	-7	-16	-21
# DAYS > 70	2	0	0	0	0	0	#	1	1	0	0	0	0	2
# DAYS > 32	2	29	25	27	23	10	1	0	#	4	18	25	28	188
# DAYS > 0	2	4	2	1	#	0	0	0	0	0	0	#	3	12
2. PRECIPITATION (INCHES)														
MAXIMUM	2	6.68	5.62	6.02	3.49	2.28	3.37	3.79	5.56	5.30	8.55	8.72	8.01	8.72
MEAN	2	2.09	1.79	1.50	1.01	.97	1.65	2.45	2.94	3.25	2.97	2.49	24.29	#
MINIMUM	2	0.39	0.12	0.21	.01	.08	.09	.16	.47	.83	.91	.12	.00	.00
MAX 24 HR	2	2.32	1.68	1.35	1.48	06	1.22	1.38	1.80	1.50	2.24	3.20	2.12	3.20
# DAYS > 0.01		12.8	11.3	11.7	9.2	9.5	8.9	11.1	12.4	15.2	15.4	12.1	14.0	14.38
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOW, ICE PELLETS (INCHES)														
MEAN	2	10.2	12.4	10.0	3.8	0.5	#	*	*	#	2.5	7.3	12.9	59.7
MAXIMUM	2	33.8	46.0	38.1	17.4	6.6	#	*	*	0.5	21.9	37.4	54.7	54.7
MAX 24 HR	2	24.0	19.2	15.2	7.4	6.0	#	*	*	0.4	6.0	24.5	20.2	24.5
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.0	2	3.1	4.2	3.4	2.1	.2	0	0	0	0	1.1	2.5	4.2	20.9
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (05 LST)	1	82	81	82	85	85	87	90	92	88	83	81	81	85
RH (14 LST)	1	78	73	70	65	66	66	70	71	70	70	77	77	71
VAPOR PRESS	1	.13	.12	.14	.17	.22	.28	.34	.35	.28	.19	.15	.12	.21
DEWPOINT	1	20	19	24	29	36	43	48	48	42	32	25	19	32
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	NE	NE	NE	\$WSW	WSW	WSW	WSW	WSW	NE	NE	NE	NE	NE
MEAN SPEED	1													
(PVLG DRCTN)	1	8	8	7	10	10	10	9	9	6	7	7	7	8
MEAN SPEED	1													
(ALL OBS)	1	7	7	7	7	7	7	6	6	7	7	7	7	7
MAX (PK GST)	1	55	40	40	38	45	31	30	38	45	45	48	45	55
PRESSURE ALT	1	1690	1690	1310	1120	980	1110	1180	1040	1850	1590	1600	1830	1850
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	4	5	5	5	5	5	5	5	5	5	5	5
DAYS TSMS	2	0	0	0	0	#	0	#	#	0	#	0	0	#
DAYS FOG < 7	1	9	9	10	7	2	2	4	6	5	7	8	11	80
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ = % CALM > PVLG DRCTN  
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8412, HRLY  
 2. NATIONAL CLIMATIC DATA CENTER SUMMARY, POR 42-50YRS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	28	26	21	15	10	12	20	15	23	28	28	21
03-05 LST	28	30	25	25	20	12	17	24	17	24	29	29	23
06-08 LST	27	33	29	25	19	11	15	23	15	26	29	32	24
09-11 LST	27	31	25	24	17	10	11	17	14	26	30	33	22
12-14 LST	28	30	26	23	14	8	10	16	14	25	30	35	22
15-17 LST	28	29	25	21	12	7	8	12	11	23	30	34	20
18-20 LST	29	28	25	21	13	6	8	13	11	22	29	31	20
21-23 LST	30	26	25	20	14	9	12	19	13	23	28	29	21
ALL HOURS	28	29	26	13	15	9	12	18	14	24	29	31	22

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	13	10	7	4	2	4	7	3	6	7	12	7
03-05 LST	13	12	8	8	6	4	6	7	4	6	9	10	8
06-08 LST	12	15	11	9	7	4	5	9	3	5	9	12	9
09-11 LST	12	14	11	9	4	2	2	5	3	5	10	14	8
12-14 LST	12	16	11	7	3	1	1	3	2	6	10	15	7
15-17 LST	11	14	9	8	2	1	1	2	1	7	9	13	6
18-20 LST	13	12	9	6	2	1	2	4	2	6	9	13	7
21-23 LST	14	12	11	6	3	1	3	6	2	6	9	12	7
ALL HOURS	12	14	10	8	4	2	3	5	2	6	9	13	7

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	9	6	4	2	1	3	5	2	3	3	6	4
03-05 LST	8	7	4	4	3	2	5	5	2	3	4	5	4
06-08 LST	6	8	4	6	2	2	4	6	2	3	4	5	4
09-11 LST	6	7	6	4	1	1	1	3	2	2	4	6	4
12-14 LST	7	10	4	3	0	1	1	2	1	2	4	7	4
15-17 LST	5	9	3	4	1	1	1	1	1	3	4	7	3
18-20 LST	6	8	4	3	1	1	1	3	1	2	4	6	3
21-23 LST	7	7	6	3	2	1	3	4	1	2	4	6	4
ALL HOURS	6	8	5	4	1	1	2	4	2	3	4	6	4

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	3	0	#	1	0	1	2	1	#	#	1	1
03-05 LST	1	3	#	1	1	#	1	2	1	#	1	1	1
06-08 LST	1	2	#	1	#	#	1	1	1	#	#	0	1
09-11 LST	1	3	#	#	0	0	#	0	0	#	1	1	#
12-14 LST	1	#	1	#	#	#	0	#	#	#	1	1	1
15-17 LST	0	3	#	#	#	#	#	#	#	#	#	1	#
18-20 LST	#	1	#	#	#	#	#	#	#	0	#	#	#
21-23 LST	1	2	0	0	#	#	1	1	1	0	#	1	1
ALL HOURS	1	2	#	#	#	#	1	1	1	#	1	1	1

# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: HOMER, AK  
LOCATION: 59°38'N, 151°30'W  
PREPARED BY: USAFETAC/ECR, APR 1987

STATION #: 703410  
ELEVATION (FEET): 63  
PERIOD: 7301-8412, HRLY

ICAO ID: PAHO  
LST - GMT -9

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	9	9	8	13	11	10	13	19	17	14	7	12
03-05 LST	10	10	9	9	12	10	13	13	22	20	15	8	13
06-08 LST	10	10	7	6	11	7	12	11	17	17	14	10	11
09-11 LST	10	8	8	8	13	8	12	11	17	18	13	10	11
12-14 LST	8	7	7	8	12	8	10	11	16	16	12	9	10
15-17 LST	9	7	8	8	9	9	9	10	17	16	14	8	10
18-20 LST	10	8	7	8	10	8	9	11	18	17	15	8	11
21-23 LST	12	8	7	9	13	11	10	12	19	17	16	9	12
ALL HOURS	10	8	8	8	12	9	11	11	18	17	14	9	11

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	13	12	8	1	0	0	0	0	4	6	11	5
03-05 LST	10	11	12	9	1	0	0	0	0	4	8	11	5
06-08 LST	10	12	11	8	0	0	0	0	0	4	7	10	5
09-11 LST	8	12	11	7	0	0	0	0	0	4	7	11	5
12-14 LST	9	12	10	6	0	0	0	0	0	3	7	12	5
15-17 LST	8	10	7	7	0	0	0	0	0	3	8	10	4
18-20 LST	11	10	9	5	0	0	0	0	0	2	7	11	5
21-23 LST	11	12	10	6	0	0	0	0	0	4	7	12	5
ALL HOURS	10	12	10	7	0	0	0	0	0	3	7	11	5

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	1	0	0	0	0	0	0	2	2	2	1
03-05 LST	2	2	1	0	1	0	0	0	1	2	2	1	1
06-08 LST	2	3	2	1	1	0	0	1	1	2	4	2	2
09-11 LST	4	4	3	2	2	1	0	2	2	3	3	3	2
12-14 LST	4	4	3	2	1	1	1	1	2	4	4	4	3
15-17 LST	4	4	3	3	2	1	1	0	1	3	4	2	2
18-20 LST	4	2	3	2	0	1	0	1	1	2	3	3	2
21-23 LST	4	2	2	1	0	1	0	0	1	2	2	3	2
ALL HOURS	3	3	2	1	1	1	0	1	1	2	3	3	2

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8412, HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	8	5	4	1	1	3	4	2	2	2	4	4
03-05 LST	7	7	4	4	2	2	5	4	2	3	4	5	4
06-08 LST	5	7	4	4	2	2	4	6	2	2	4	3	4
09-11 LST	5	6	5	3	1	1	1	2	1	2	3	5	3
12-14 LST	5	8	3	2	#	1	#	2	1	2	3	6	3
15-17 LST	4	8	3	3	#	1	1	1	#	2	3	5	3
18-20 LST	5	7	3	3	1	1	1	2	1	1	3	5	3
21-23 LST	6	7	4	3	1	1	3	3	1	2	3	5	3
ALL HOURS	5	7	4	3	1	1	2	3	1	2	3	5	3

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	5	3	2	1	#	3	3	1	1	1	2	2
03-05 LST	4	4	3	2	1	1	4	4	2	1	2	4	3
06-08 LST	3	5	3	2	1	1	3	4	1	1	2	2	2
09-11 LST	3	5	4	2	#	1	1	1	1	1	2	3	2
12-14 LST	4	6	2	2	#	1	#	1	0	1	2	4	2
15-17 LST	2	6	2	2	#	#	#	1	#	1	2	3	2
18-20 LST	3	4	1	1	1	#	1	2	1	#	2	3	1
21-23 LST	4	5	3	2	1	#	2	2	1	1	2	3	2
ALL HOURS	3	5	3	2	1	1	2	2	1	1	2	3	2

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	4	1	1	1	#	2	2	1	1	1	2	2
03-05 LST	3	3	1	1	1	#	2	3	2	1	2	3	2
06-08 LST	2	4	2	1	#	1	1	2	1	1	1	2	1
09-11 LST	2	4	2	1	0	#	#	#	0	1	2	2	1
12-14 LST	3	4	2	1	#	#	#	#	#	#	2	3	1
15-17 LST	2	4	1	1	#	#	#	#	#	1	2	2	1
18-20 LST	2	3	1	1	#	#	1	1	#	0	1	2	1
21-23 LST	2	4	1	1	#	#	2	2	1	#	1	2	1
ALL HOURS	2	4	1	1	#	#	1	1	1	1	1	2	1

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	0	#	1	0	1	2	1	#	0	#	1
03-05 LST	1	1	0	#	1	#	1	2	1	0	0	#	1
06-08 LST	#	1	0	#	#	0	#	1	1	0	#	0	#
09-11 LST	#	2	#	#	0	0	#	0	0	#	#	#	#
12-14 LST	0	2	#	#	#	0	0	#	0	0	#	#	#
15-17 LST	0	2	#	0	0	#	#	0	#	#	#	#	#
18-20 LST	#	1	0	0	#	0	#	#	#	0	0	#	#
21-23 LST	#	1	0	0	#	#	1	1	1	0	0	#	#
ALL HOURS	#	1	#	#	#	#	#	1	#	#	#	#	#



PREPARED BY USAPETAC NOVEMBER 1985				STATION NAME: INDIAN MOUNTAIN AFS AR LOCATION: N66 CO WISS 42				PERIOD: JUN 54 - NOV 84 ELEV: 1220 FT				PATH FBI LTR: REC NO: 701730																		
<b>AWS CLIMATIC BRIEF</b>												MEAN		PRECIPITATION		SURFACE WINDS		MEAN NUMBER OF DAYS OCCURRENCE OF												
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SHOWFALL (IN)				RELATIVE HUMIDITY (%)		WIND SPEED (KT)		PRECIP (IN)		SHOWFALL (IN)		TEMPERATURE (°F)									
	MEAN				MONTHLY				MONTHLY				LST		MEAN		PRECIP		SHOWFALL		MEAN									
	EXTREME				MAX				MAX				MIN		MAX		MAX		MAX		MAX									
	DAILY				MAX				MAX				MIN		MAX		MAX		MAX		MAX									
JAN	0	12	-6	40	1.2	5.4	6	2.2	15	50	25	70	69	0.4	4	2650	4	65	5	9	1	9	1	0	6	0	0	22	7	
FEB	4	12	-4	75	5.2	3.4	8	1.1	19	11	69	66	0.3	7	2650	4	66	5	8	8	9	2	0	7	0	0	20	5		
MAR	13	-2	4	59	8.9	8.8	8	1.4	12	55	35	68	63	0.5	2	2150	5	50	6	8	8	9	3	0	7	0	0	15	2	
APR	30	13	21	54	1.0	3.4	8	1.6	13	44	19	71	63	0.8	3	2250	4	46	7	9	8	9	2	0	6	0	0	5	0	
MAY	52	34	42	70	2.7	1.4	8	1.0	1	15	74	64	51	1.7	30	2000	5	43	7	7	8	2	8	0	3	8	3	8	0	
JUN	65	46	56	88	3.4	1.7	3.4	1.5	8	1	13	72	50	2.6	31	1900	5	37	8	11	1	8	0	2	3	4	17	0	0	
JUL	67	45	58	85	3.0	2.4	5.4	2.2	1.2	0	0	79	56	3.2	37	1800	4	42	8	11	1	0	0	2	6	6	19	0	0	
AUG	62	44	53	83	2.3	3.7	8.1	1.1	1.9	8	1	89	63	2.9	34	2000	4	42	8	15	2	8	0	1	11	2	11	0	0	
SEP	49	33	41	73	3	2.4	10.4	3.3	3.3	5	16	80	66	1.8	32	2100	5	46	7	12	1	3	1	8	9	10	1	0	0	
OCT	26	15	21	55	1.7	4.2	4	1.3	18	47	20	79	74	0.9	16	2550	4	50	8	13	1	12	4	0	13	0	0	4	0	
NOV	17	-1	5	22	1.3	4.6	8	1.5	16	46	15	76	75	0.5	3	2650	4	51	7	11	8	12	3	0	10	0	0	15	1	
DEC	7	-1	-4	56	1.2	3.4	8	1.0	15	31	14	74	72	0.3	14	2800	4	58	5	10	8	10	3	0	8	0	0	21	6	
ANN	32	14	24	68	6.5	19.2	10.2	8	3.3	105	52	75	69	10.1	18	2150	4	68	7	124	7	15	21	5	89	42	51	102	21	
YR	19	19	19	19	26	26	26	26	26	26	26	8	8	8	8	8	8	8	8	8	26	26	26	26	26	26	19	19	19	19
REMARKS: RUSSMO FOR: HOURLY OBS: DEC 76 - NOV 84 SUMMARY OF DAY DATA: JUN 55 - NOV 84																														
NOTE: DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS S S CALM BYTS S PLUS DOTS 3 BASED ON < FULL MONTH																														
CAV PRG (IN)		HRS LST		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
00-02		12		13		13		13		19		7		6		14		16		15		17		17		15		14		
03-05		10		14		13		13		19		7		6		16		19		16		10		20		14		15		
06-08		14		13		16		14		8		14		19		21		21		21		35		23		16		16		
09-11		15		12		16		16		6		12		23		22		23		22		35		23		22		19		
12-14		13		10		15		16		7		11		20		21		20		20		31		20		22		17		
15-17		13		9		16		15		6		7		14		13		17		30		21		20		20		15		
18-20		14		11		16		12		4		6		13		11		17		33		19		19		19		15		
21-23		13		12		14		17		5		6		11		12		16		27		17		17		18		14		
ALL HRS		13		12		15		16		6		8		16		17		18		31		20		18		16		8		
00-02		8		9		6		11		2		4		11		8		7		16		9		10		9		9		
03-05		6		10		7		13		3		4		13		13		7		17		10		10		9		9		
06-08		9		6		9		13		4		4		14		17		11		17		12		10		11		11		
09-11		9		7		10		9		2		5		12		13		12		19		15		14		11		11		
12-14		7		6		7		6		1		3		7		8		9		17		13		13		8		8		
15-17		8		6		8		6		1		1		4		4		6		18		13		13		7		7		
18-20		9		7		6		6		1		3		5		5		9		17		12		9		6		6		
21-23		7		9		7		9		1		3		8		6		6		15		10		9		6		6		
ALL HRS		6		8		6		9		2		3		9		9		9		17		12		11		9		8		
00-02		4		5		5		7		1		2		7		3		4		10		4		5		5		5		
03-05		4		5		5		9		2		2		11		9		6		10		6		5		6		6		
06-08		6		3		5		8		2		2		9		12		7		10		8		6		7		7		
09-11		5		3		4		5		1		1		6		8		6		10		9		9		6		6		
12-14		4		3		3		3		1		8		2		4		6		9		10		8		4		4		
15-17		5		4		4		2		8		8		1		2		4		11		11		8		4		4		
18-20		6		5		4		3		0		1		2		2		5		10		7		5		4		4		
21-23		3		6		4		5		8		1		4		2		4		7		4		5		4		4		
ALL HRS		5		4		4		5		1		1		5		5		6		10		7		6		5		8		
00-02		J		0		J		8		0		J		0		0		8		0		0		0		0		0		
03-05		8		J		J		8		0		8		8		1		1		8		8		8		8		8		
06-08		8		J		0		8		0		8		8		1		1		8		8		8		8		8		
09-11		0		0		J		8		0		J		J		8		8		8		1		1		1		1		
12-14		C		1		J		J		0		J		J		0		0		8		8		8		8		8		
15-17		8		1		J		J		0		J		J		0		C		8		8		8		8		8		
18-20		1		1		8		8		0		J		J		0		0		8		1		8		8		8		
21-23		8		J		J		0		0		J		J		0		0		8		8		8		8		8		
ALL HRS		8		8		8		8		0		8		8		8		8		8		8		8		1		8		

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: JUNEAU, AK  
LOCATION: 58°22'N, 134°35'W  
PREPARED BY: USAFETAC/ECR, APR 1987

STATION #: 703810  
ELEVATION (FEET): 12  
PERIOD: VARIED

ICAO ID: PAJN  
LST - GMT -9

	SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)															
EXTREME MAX	2		57	55	59	71	82	86	90	83	72	61	56	54	90
MEAN DLY MAX	2		29	33	38	46	55	62	64	63	56	47	37	31	47
MEAN	2		23	28	32	39	47	53	56	55	49	42	33	27	40
MEAN DLY MIN	2		18	22	26	31	38	45	48	47	43	37	28	22	34
EXTREME MIN	2		-22	-22	-15	6	25	31	36	27	23	12	-5	-21	-22
# DAYS > 70	2		0	0	0	#	1	5	7	6	#	0	0	0	19
# DAYS < 32	2		26	23	24	16	4	#	0	#	2	8	19	24	146
# DAYS ≤ 0	2		5	2	1	0	0	0	0	0	0	0	#	2	10
2. PRECIPITATION (INCHES)															
MAXIMUM	2		8.19	8.48	6.36	5.32	6.33	5.34	7.88	12.31	11.61	15.25	11.22	9.89	15.25
MEAN	2		3.9	3.4	3.3	2.9	3.4	3.0	4.3	5.2	6.7	7.8	5.2	4.2	53.1
MINIMUM	2		0.94	.68	.59	0.27	1.25	1.08	1.15	0.56	2.34	2.71	1.15	0.49	0.27
MAX 24 HR	2		2.7	2.4	1.8	1.6	1.7	1.9	1.9	2.6	3.2	4.7	3.3	3.6	4.7
# DAYS > 0.01	#		18	17	18	17	17	16	17	18	20	24	19	21	220
# DAYS ≤ 0.5	#		#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOW/ICE PELLETS															
MEAN	2		26.3	20.2	16.6	4.1	0.1	#	0	0	#	1.2	11.0	24.0	103.5
MAXIMUM	2		69.2	86.3	52.6	46.3	1.2	#	0	0	#	15.6	32.5	54.7	86.3
MAX 24 HR	2		20.1	23.7	31.0	24.2	0.7	#	0	0	#	8.8	16.5	25.6	31.0
# DAYS > 0.1	#		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS ≤ 1.0	#		7	6	4	1	0	0	0	0	0	#	3	6	28
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)															
RH (04 LST)	1		80	79	84	85	85	87	88	91	91	90	84	82	86
RH (14 LST)	1		74	70	66	62	61	65	72	72	78	80	77	78	71
VAPOR PRESS	1		.12	.13	.15	.19	.24	.31	.36	.36	.31	.25	.16	.13	.23
DEWPOINT	1		18	20	26	32	38	45	49	49	45	39	28	21	34
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)															
PVLG DRCTN	1		\$ESE	ESE	ESE	ESE	ESE	N	N	N	E	ESE	ESE	E	ESE
MEAN SPEED	1														
(PVLG DRCTN)	1		12	13	12	12	12	5	5	5	8	13	12	9	12
MEAN SPEED	1														
(ALL OBS)	1		7	8	7	7	7	6	6	6	6	8	7	7	7
MAX (PK GST)	1		#	46	41	42	38	35	36	35	46	46	43	50	50
PRESSURE ALT	1		1300	1200	900	800	650	500	350	400	850	950	1200	1050	1300
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)															
CLD COVER	1		5	5	5	5	6	6	6	5	6	7	6	6	6
DAYS TSTMS	2		#	0	0	0	0	#	#	#	#	0	#	0	2
DAYS FOG < 7	1		11	9	7	8	5	7	10	11	14	14	12	12	118
DAYS BNBD < 7	1		0	0	0	0	0	0	0	0	#	#	0	0	0
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8312, HRLY  
 2. NATIONAL CLIMATIC DATA CENTER SUMMARY, POR 40YRS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	47	40	39	37	26	29	33	30	35	43	40	42	37
03-05 LST	44	41	37	34	30	32	38	35	39	44	41	41	38
06-08 LST	42	40	39	34	34	32	36	34	39	45	39	41	38
09-11 LST	42	38	36	29	29	28	34	29	35	39	36	39	34
12-14 LST	42	36	38	30	23	23	28	25	29	40	35	41	32
15-17 LST	40	34	31	32	21	20	26	24	26	42	42	42	32
18-20 LST	41	39	36	33	23	22	27	26	31	41	46	44	34
21-23 LST	41	39	38	33	21	27	29	27	30	37	42	42	34
ALL HOURS	42	38	37	33	26	26	31	29	33	41	40	41	35

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	21	15	12	5	5	8	7	12	11	16	20	13
03-05 LST	23	18	16	10	6	5	9	9	16	10	17	18	13
06-08 LST	23	19	16	9	5	5	10	6	14	8	15	17	12
09-11 LST	23	18	11	5	1	2	5	3	8	5	10	16	9
12-14 LST	19	15	11	6	1	3	3	4	5	4	9	15	8
15-17 LST	21	17	9	5	#	2	3	2	3	4	14	18	8
18-20 LST	22	19	10	7	2	3	5	4	4	7	17	19	10
21-23 LST	22	19	12	9	1	4	6	6	8	7	16	20	11
ALL HOURS	22	18	12	8	3	4	6	5	9	7	14	18	11

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	14	11	8	4	2	5	5	10	7	12	14	9
03-05 LST	17	13	11	7	4	3	6	5	12	8	13	12	9
06-08 LST	16	14	11	5	2	2	7	3	10	7	11	12	8
09-11 LST	17	13	6	2	1	#	2	2	6	4	7	11	6
12-14 LST	14	11	5	2	#	#	2	2	2	2	7	11	5
15-17 LST	14	11	4	3	0	1	2	1	2	1	10	11	5
18-20 LST	15	12	5	2	1	1	3	2	2	3	11	12	6
21-23 LST	16	14	7	4	1	2	3	3	7	5	10	14	7
ALL HOURS	16	13	7	4	2	2	4	3	6	4	10	12	7

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	#	2	1	#	#	1	3	3	3	2	2
03-05 LST	2	3	1	1	1	#	#	2	5	4	2	2	2
06-08 LST	3	3	1	1	#	0	#	#	5	3	3	2	2
09-11 LST	4	3	0	0	0	0	0	0	1	1	2	2	1
12-14 LST	4	3	1	#	0	#	#	#	#	0	1	2	1
15-17 LST	2	3	0	0	0	0	#	0	0	0	2	2	1
18-20 LST	2	3	#	0	0	0	#	0	#	1	3	1	1
21-23 LST	3	3	1	1	#	#	#	#	1	2	2	2	1
ALL HOURS	3	3	1	1	#	#	#	#	2	2	2	2	1

# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: JUNEAU, AK  
LOCATION: 58°22N, 134°35'W  
PREPARED BY: USAFETAC/ECR, MAY 1987

STATION #: 703810  
ELEVATION (FEET): 12  
PERIOD: 7301-8312, HRLY

ICAO ID: PAJN  
LST = GMT -9

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	#	0	#	#
03-05 LST	#	0	0	0	0	0	0	0	#	0	0	0	#
06-08 LST	0	0	0	0	0	#	0	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	#	0	0	#	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	0	#	0	0	0	#
15-17 LST	0	0	0	0	#	0	0	0	0	0	#	0	#
18-20 LST	#	0	0	0	0	0	0	0	0	#	#	0	#
21-23 LST	#	0	0	0	0	0	0	0	0	#	0	#	#
ALL HOURS	#	0	0	0	#	#	0	0	#	#	#	#	#

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	19	20	32	28	30	27	28	35	46	26	18	28
03-05 LST	21	18	29	31	29	32	29	29	31	48	24	18	27
06-08 LST	19	19	19	30	31	26	26	27	33	47	25	18	27
09-11 LST	18	19	20	30	28	26	27	24	31	43	25	19	26
12-14 LST	19	19	23	29	30	27	28	24	35	47	27	22	28
15-17 LST	19	17	19	28	31	28	27	24	34	45	26	19	26
18-20 LST	18	21	22	30	33	29	28	28	35	48	28	19	28
21-23 LST	19	19	20	28	28	29	27	27	33	42	26	17	26
ALL HOURS	19	19	20	30	30	28	27	26	33	46	26	19	27

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	20	18	6	0	0	0	0	#	1	8	23	8
03-05 LST	22	21	18	4	0	0	0	0	0	1	8	21	8
06-08 LST	22	20	17	4	0	0	0	#	0	1	9	18	7
09-11 LST	22	18	13	4	#	#	0	0	0	1	8	18	7
12-14 LST	22	18	15	4	0	#	0	#	#	1	10	19	7
15-17 LST	23	18	13	5	0	0	#	0	0	#	11	18	7
18-20 LST	25	20	15	5	#	0	#	0	0	1	11	21	8
21-23 LST	24	19	16	5	0	0	0	0	0	1	11	22	8
ALL HOURS	23	19	16	5	#	#	#	#	#	1	10	20	8

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	4	2	3	1	0	1	1	3	5	4	3	2
03-05 LST	3	4	2	2	1	#	#	#	3	5	4	2	2
06-08 LST	3	2	1	3	1	#	1	#	2	6	4	2	2
09-11 LST	3	5	3	4	2	1	1	1	3	9	5	4	3
12-14 LST	3	6	3	3	2	1	1	#	3	8	5	5	3
15-17 LST	2	4	2	3	2	#	#	1	3	7	3	5	3
18-20 LST	2	4	3	4	1	#	1	#	3	6	4	3	3
21-23 LST	4	4	2	3	1	#	1	1	3	5	5	3	3
ALL HOURS	3	4	2	3	1	#	1	#	3	6	4	3	3

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8312, HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	14	10	7	4	1	4	3	9	7	10	11	8
03-05 LST	15	12	9	6	4	2	5	5	11	7	11	10	8
06-08 LST	15	13	10	4	2	2	5	3	9	6	10	11	7
09-11 LST	15	12	5	1	#	#	1	2	4	2	6	10	5
12-14 LST	13	10	5	1	#	#	1	2	2	1	6	9	4
15-17 LST	12	11	3	1	0	#	1	1	1	#	8	9	4
18-20 LST	14	11	4	2	1	#	3	2	2	2	11	9	5
21-23 LST	15	13	6	3	1	1	2	3	6	4	9	12	6
ALL HOURS	14	12	7	3	1	1	3	2	5	4	9	10	6

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	10	5	4	3	1	3	2	6	6	7	7	5
03-05 LST	8	9	5	4	3	1	2	3	8	6	8	6	5
06-08 LST	9	9	4	2	1	1	2	1	7	5	7	5	4
09-11 LST	10	8	2	#	0	0	#	3	3	2	4	6	3
12-14 LST	9	7	3	1	#	#	#	1	1	1	3	5	2
15-17 LST	6	7	2	#	0	0	#	#	1	0	5	5	2
18-20 LST	8	7	2	1	#	0	#	1	1	1	6	4	2
21-23 LST	9	10	3	2	#	1	1	1	3	3	6	6	4
ALL HOURS	9	8	3	2	1	#	1	1	4	3	6	6	4

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	6	3	3	2	#	#	2	5	5	6	5	4
03-05 LST	5	6	3	3	2	1	1	2	7	5	7	5	4
06-08 LST	7	6	2	1	1	#	#	1	6	4	6	4	3
09-11 LST	8	6	1	0	0	0	0	#	2	1	4	4	2
12-14 LST	7	6	1	#	0	#	#	#	#	#	3	5	2
15-17 LST	4	5	1	#	0	0	#	#	#	0	4	4	2
18-20 LST	4	5	1	0	#	0	#	0	#	1	5	3	2
21-23 LST	6	6	2	1	#	#	#	1	2	3	4	5	3
ALL HOURS	6	6	2	1	1	#	#	1	3	2	5	4	3

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	0	1	1	0	0	#	2	2	1	1	1
03-05 LST	#	1	1	1	1	#	0	#	3	2	1	1	1
06-08 LST	1	2	#	#	#	0	0	#	3	2	2	1	1
09-11 LST	1	1	0	0	0	0	0	0	1	#	1	1	#
12-14 LST	1	1	0	0	0	#	0	#	0	0	#	1	#
15-17 LST	1	2	0	0	0	0	#	0	0	0	1	1	#
18-20 LST	1	2	#	0	0	0	#	0	0	#	1	1	#
21-23 LST	1	2	#	#	#	0	0	0	1	1	1	1	1
ALL HOURS	1	2	#	#	#	#	#	#	1	1	1	1	1

## AWS CLIMATIC BRIEF

KENAI MUNICIPAL/FAA, ALASKA

PERIOD: 1948-67

WBAN # 26523

WMO # 70259

Prepared by ETAC ( FEB 1971 )

N 60 34

W 151 15

ELEVATION: 102 11 STN LTRS (ENA) (PAEN)

[illegible]

REMARKS

<sup>1</sup> Refers to HIGHEST HOURLY WIND SPEED CLASS INTERVAL.

RUSSWO POR: HRLY AND DAILY OBS: AUG 48-JUL 67

NOTE: \*DATA NOT AVAILABLE. †LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	22	18	17	14	6	12	15	12	13	15	16	22	15	
	03-05	21	19	19	14	6	14	21	15	15	15	17	22	17	
	06-08	20	18	17	16	8	17	22	17	17	15	16	21	17	
	09-11	21	17	15	14	9	15	17	16	15	16	16	19	16	
	12-14	19	17	14	11	7	9	13	12	11	15	16	20	14	
	15-17	21	17	13	11	5	7	11	11	9	13	17	22	13	
	18-20	21	19	14	11	5	8	9	10	11	13	16	23	13	
	21-23	20	19	16	13	5	9	10	11	8	13	16	22	14	
	ALL HOURS	21	18	16	13	6	11	15	13	12	14	16	21	15	19
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	15	11	11	9	3	8	10	9	8	7	9	14	10	
	03-05	15	12	13	9	3	10	15	11	10	8	9	14	11	
	06-08	13	13	12	10	4	10	15	11	11	8	9	13	11	
	09-11	14	13	10	8	4	9	11	10	8	8	9	14	10	
	12-14	13	11	8	6	2	6	8	7	5	7	9	13	8	
	15-17	15	11	8	6	1	4	7	5	4	6	10	15	8	
	18-20	15	11	9	6	2	5	6	5	4	5	9	15	8	
	21-23	13	12	8	8	2	4	7	7	5	6	8	15	8	
	ALL HOURS	14	12	10	8	3	7	10	8	7	7	9	14	9	19
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	12	8	6	6	2	7	8	6	5	5	6	9	7	
	03-05	11	8	7	7	2	9	12	8	7	4	5	9	7	
	06-08	9	9	8	8	3	8	10	7	6	5	5	9	7	
	09-11	10	10	6	5	2	6	8	6	5	4	7	10	7	
	12-14	10	8	5	4	1	3	4	4	3	3	7	9	5	
	15-17	12	8	5	4	1	3	5	3	2	3	7	10	5	
	18-20	11	8	5	4	1	4	5	4	3	2	6	11	5	
	21-23	10	8	5	5	1	4	5	5	3	3	4	11	5	
	ALL HOURS	10	8	6	5	2	5	7	5	4	3	6	10	6	19
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	2	2	#	1	#	1	2	1	1	#	1	1	1	
	03-05	2	2	1	1	#	2	2	2	1	#	#	1	1	
	06-08	2	2	1	1	#	1	1	1	2	1	1	1	1	
	09-11	2	2	1	#	#	#	#	#	#	#	1	1	1	
	12-14	2	1	#	0	0	0	0	#	0	#	1	2	1	
	15-17	2	1	1	#	0	#	#	#	0	#	1	1	1	
	18-20	2	1	#	1	#	1	1	1	#	#	1	1	1	
	21-23	1	1	#	1	#	1	1	1	1	#	#	1	1	
	ALL HOURS	2	1	1	1	#	1	1	1	1	#	1	1	1	19

A W S CLIMATIC BRIEF		Station Name: KING SALMON APT AK						Field Elev: 57 ft							
January 1988		Latitude/Longitude: N58 41 W156 35						Station MSC: 703260							
		Hourly Obs POR: Jul 77 to Jun 87						Call Sign: PAKN							
		Summary of Day POR: Jun 42 to Jun 87						Supersedes: Aug 1983							
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F		53	54	56	65	77	88	86	84	74	67	56	48	88	45
MEAN MAX TEMP °F		21	23	29	39	51	59	63	61	55	40	30	21	41	45
MEAN TEMP °F		14	15	21	31	43	51	55	54	47	34	23	14	33	45
MEAN MIN TEMP °F		7	7	13	23	34	41	46	47	40	26	16	6	25	45
XTRM MIN TEMP °F		-46	-41	-42	-19	4	29	33	25	15	-12	-26	-38	-46	45
D/W TEMP > 65°F		0	0	0	#	1	6	12	8	1	#	0	0	28	45
D/W TEMP > 60°F		0	0	0	#	4	14	20	17	5	#	0	0	60	45
D/W TEMP < 32°F		28	26	28	26	12	1	0	#	5	21	26	29	202	45
D/W TEMP < 0°F		12	11	8	1	0	0	0	0	0	1	6	13	52	45
VPR PRESS ("Hg)		.09	.06	.11	.12	.19	.26	.34	.34	.25	.15	.11	.09	.16	10
MEAN DEWPOINT °F		16	8	21	23	33	41	48	48	40	27	21	15	29	10
99.95% WCPA Ft		1800	1700	1400	1300	950	900	600	800	1150	1550	1750	1900	1450	10
MEAN RH 07 LST %		79	73	80	80	82	85	90	91	87	85	83	77	83	10
MEAN RH 13 LST %		77	68	65	59	57	61	70	70	68	73	78	76	69	10
MAX 24HR PRECIP "		1.1	1.3	1.0	1.2	1.0	.9	1.1	1.4	1.7	1.3	1.4	1.2	1.7	45
MAX PRECIP "		3.0	2.8	2.4	3.0	2.4	3.8	4.3	6.4	7.3	6.5	3.4	3.7	7.3	45
MEAN PRECIP "		1.1	.9	1.1	1.0	1.1	1.6	2.1	3.2	2.8	2.1	1.4	1.2	19.6	45
MIN PRECIP "		.2	.1	#	#	.1	.3	.3	1.1	.9	.2	#	.1	#	45
D/W PRECIP > .01"		11	9	11	10	12	13	15	18	16	14	12	12	153	45
D/W PRECIP > .5"		#	#	#	#	#	#	1	1	1	1	#	#	4	45
MAX 24HR SNFL "		12	8	11	5	4	1	0	0	1	9	9	6	12	42
MAX SNFL "		25	15	20	16	6	1	0	0	1	15	16	16	25	42
MEAN SNFL "		8	7	8	5	1	#	0	0	#	3	6	8	46	42
D/W SNFL > .1"		8	7	8	7	1	#	0	0	#	3	6	9	49	42
D/W SNFL > 1:5"		2	1	1	1	#	0	0	0	0	1	1	2	9	42
MEAN WND DRCTN		N	N	N	N	E	S	S	S	S	N	N	N	N	10
MEAN WND SPD Kts		9	10	10	10	10	10	9	9	9	9	9	9	9	10
MAX WND SPD** Kts		70	82	80	62	67	60	65	57	64	65	72	62	82	35
MEAN CLD CVR 10th		7	6	7	7	8	9	9	9	8	7	7	7	8	10
D/W TSTORMS		0	0	0	0	#	#	#	#	#	#	#	0	#	42
D/W FOG VSBY <7mi		9	7	8	9	9	12	17	19	12	10	12	10	34	42

Legend: ANN = Annual      YOR = Years of record      POR = Period of record  
 D/W = Mean number of days with...      WCPA = "Worst case" (maximum) pressure altitude  
 # = Based on less than full months      # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.  
 \*\* = Instantaneous peak winds  
 \* = Data not available      \$ = Percentage of calm winds > mean direction

REMARKS:

A W S CLIMATIC BRIEF		Station Name: KING SALMON APT AK Latitude/Longitude: N58 41 W156 39 Hourly Obs POR: Jul 77 to Jun 87 Summary of Day POR: Jun 42 to Jun 87 LST - GMT -9										Field Elev: 57 ft Station MSC: 703260 Call Sign: PAKN Supersedes: Aug 1983				
PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY																
	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
CIG/VSBY	00-02	20	15	15	17	18	19	31	33	19	21	20	19	21		
	03-05	21	16	16	22	23	27	41	41	20	23	21	18	24		
	06-08	21	14	16	24	24	31	47	45	20	23	22	18	25		
	09-11	19	17	15	24	25	27	43	39	19	24	24	19	25		
	12-14	17	16	16	22	23	22	34	34	20	24	23	18	22		
LESS THAN	15-17	18	15	13	17	17	16	27	30	14	21	26	18	19		
3000/3	18-20	19	14	11	12	11	15	21	27	13	17	23	19	17		
	21-23	17	15	13	14	13	14	23	27	15	17	22	19	17		
	00-24	19	15	14	19	19	21	33	35	18	21	23	19	21	10	
CIG/VSBY	00-02	13	9	9	8	12	11	22	24	9	13	13	10	13		
	03-05	11	10	9	14	17	17	34	30	11	12	13	11	16		
	06-08	13	10	10	16	16	22	38	35	11	14	15	11	18		
	09-11	13	11	11	15	13	17	32	27	8	14	14	10	15		
	12-14	12	12	9	9	6	9	17	15	7	12	13	11	11		
LESS THAN	15-17	12	10	7	4	3	5	8	12	3	10	15	11	8		
1500/3	18-20	13	9	5	4	3	4	8	12	4	9	14	13	8		
	21-23	11	9	6	6	6	6	13	16	7	10	14	10	10		
	00-24	12	10	8	10	10	11	22	21	8	12	14	11	12	10	
CIG/VSBY	00-02	10	7	5	6	9	9	19	17	7	9	8	8	10		
	03-05	9	7	5	11	15	16	31	24	9	9	9	8	13		
	06-08	10	6	6	11	13	19	34	29	9	11	10	7	14		
	09-11	9	9	7	9	9	11	24	21	6	10	10	7	11		
	12-14	9	9	6	5	3	3	7	8	4	10	9	9	7		
LESS THAN	15-17	8	7	4	2	1	2	3	4	3	6	11	9	5		
1000/2	18-20	9	6	3	2	1	1	3	5	3	6	12	8	5		
	21-23	9	6	4	4	3	4	9	10	5	7	10	8	7		
	00-24	9	7	5	6	7	8	16	15	6	9	10	8	9	10	
CIG/VSBY	00-02	1	1	1	#	2	1	3	2	2	1	1	1	1		
	03-05	2	1	1	1	3	4	6	6	3	1	2	#	3		
	06-08	2	1	1	1	3	3	7	9	3	2	2	#	3		
	09-11	1	1	1	#	#	#	#	1	1	3	3	1	1		
	12-14	1	2	#	0	0	0	#	0	0	1	2	1	1		
LESS THAN	15-17	1	1	0	0	0	0	0	0	0	1	2	1	1		
200/½	18-20	2	1	#	0	0	0	0	0	0	1	2	1	1		
	21-23	1	2	1	#	#	0	#	#	#	1	1	1	1		
	00-24	1	1	1	#	1	1	2	2	1	1	2	1	1	10	



A W S	STATION NAME: KODIAK AK												FIELD ELEV: 73 FT		
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 57 45 N 152 30 W												STATION MSC: 703500		
	HOURLY OBS POR: JAN 80 - DEC 89												CALL SIGN: ADQ/PADQ		
	SUMMARY OF DAY POR: JAN 49 - DEC 89														
	HOURS SUMMARIZED: 0000 - 2300 LST												SUPERSEDES: NONE		
SEP 90	LST TO UTC: +09														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	54	56	57	64	80	86	82	83	73	62	54	56	86	40	
MEAN MAX TEMP (F)	35	35	38	42	48	55	60	61	56	46	40	36	46	40	
MEAN TEMP (F)	31	31	33	37	44	50	55	55	50	41	35	31	41	40	
MEAN MIN TEMP (F)	26	26	27	32	38	44	49	49	44	35	30	26	36	40	
EXTRM MIN TEMP (F)	-16	-12	-6	7	20	30	37	36	26	10	0	-1	-16	40	
D/W TEMP GE 60 (F)	0	0	0	1	1	7	15	17	5	1	0	0	47	40	
D/W TEMP GE 50 (F)	#	1	1	2	11	23	30	31	28	9	1	1	138	40	
D/W TEMP LT 33 (F)	22	20	21	15	3	#	0	0	1	11	17	22	132	40	
D/W TEMP LT 10 (F)	2	2	1	#	0	0	0	C	0	0	1	1	7	40	
# HEATING DEGREE DAYS	1026	997	1001	810	676	459	355	316	453	738	909	1097	8837	30	
# COOLING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	30	
MEAN DEWPOINT TEMP (F)	26	25	28	29	37	44	49	49	44	32	27	27	35	10	
MEAN WET BULB TEMP (F)	30	30	33	34	41	47	52	52	47	37	32	32	39	10	
99.95% WCPA (FT)	1950	1900	1350	1350	950	950	600	800	1150	1450	1750	1900	1500	10	
MEAN REL HUM 07 LST(%)	78.8	77.7	77.4	76.5	81.9	86.4	87.9	87.5	85.9	77.6	77.2	78.0	81.1	10	
MEAN REL HUM 13 LST(%)	74.9	70.2	68.4	65.9	72.6	79.9	77.7	74.6	72.1	63.6	69.6	74.9	72.0	10	
MAX 24HR PRECIP (IN)	3.20	3.00	1.87	1.71	3.63	3.75	3.01	2.95	2.64	3.85	2.47	4.16	4.16	40	
MAX PRECIP (IN)	15.77	12.43	9.94	6.65	12.67	16.88	10.21	11.13	12.60	14.53	15.36	19.82	87.25	40	
MEAN PRECIP (IN)	6.46	4.94	4.50	3.77	5.07	4.80	3.71	4.62	6.52	6.66	5.97	6.15	63.18	40	
MIN PRECIP (IN)	.24	1.41	.89	1.13	1.00	.70	.84	.65	1.20	1.56	.19	1.15	38.33	40	
D/W PRECIP GE .01 (IN)	17	16	17	15	18	15	15	15	17	16	17	17	195	40	
D/W PRECIP GT .50 (IN)	5	3	3	2	3	3	2	3	4	5	4	4	41	40	
MAX 24HR SNFL (IN)	12.0	13.1	17.8	11.2	4.0	#	0	0	.4	10.0	14.0	11.9	17.8	40	
MAX SNFL (IN)	40.1	38.8	74.5	34.8	6.0	#	0	0	.4	14.9	30.0	33.1	178.9	40	
MEAN SNFL (IN)	14.9	15.9	14.9	7.8	.5	#	0	0	#	2.3	6.3	11.4	74.2	40	
D/W SNFL GE .1 (IN)	8	9	9	6	1	0	0	0	#	1	4	7	45	40	
D/W SNFL GE 1.5 (IN)	3	4	3	2	#	0	0	0	0	1	1	2	16	40	
MAX DLY SNO DEPTH (IN)	22	28	35	25	4	0	0	0	0	9	11	17	35	40	
PRVLNG WND DIR (DEG)	29-31	29-31	29-31	29-31	29-31	08-10	29-31	29-31	29-31	29-31	29-31	29-31	29-31	10	
MEAN WND SPD (KTS)	12	12	11	11	10	10	8	8	9	11	11	11	10	10	
MAX WND SPD (KTS)	86	75	73	73	51	53	45	58	68	72	74	76	86	40	
SKY COVER GT 5/10 (%)	74.1	68.5	70.1	72.4	76.6	81.9	78.7	74.1	71.8	60.6	64.3	70.5	72.0	10	
D/W THUNDERSTORMS	0	0	#	0	#	#	#	#	0	0	0	#	#	40	
D/W FOG (VSBY LT 7 MI)	10	9	8	7	11	14	14	13	11	8	8	9	122	40	
LEGEND: ANN = ANNUAL															
D/W = MEAN NUMBER OF DAYS WITH															
# = BASED ON LESS THAN FULL MONTHS															
** = INSTANTANEOUS PEAK WINDS															
* = DATA NOT AVAILABLE															
POR/YOR = PERIOD/YEARS OF RECORD															
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE															
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE															
S = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN															
WIND DIRECTION															

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN YOR

LST

CIG  
3000 FT  
ND/OR  
VSBY  
LT 3 MI

00 - 02	54.6	47.3	48.5	42.4	47.5	49.3	41.7	35.4	33.9	28.8	39.1	44.5	42.7	10
03 - 05	55.0	47.7	46.8	42.3	47.9	53.6	43.8	37.5	35.1	29.1	38.7	44.9	43.5	10
06 - 08	52.5	46.6	46.1	41.9	48.9	54.4	44.5	36.0	34.7	29.5	39.6	46.3	43.4	10
09 - 11	50.6	49.0	47.8	40.4	48.3	51.9	42.1	35.0	36.4	31.6	40.5	46.6	43.3	10
12 - 14	50.0	49.3	46.4	44.5	46.4	51.1	41.2	35.3	34.4	30.1	38.7	47.1	42.9	10
15 - 17	51.5	48.1	45.8	45.7	45.3	48.4	37.3	32.8	35.0	31.1	41.2	48.7	42.6	10
18 - 20	53.7	45.6	48.4	45.6	43.8	45.8	37.3	31.7	37.0	32.4	41.2	49.3	42.6	10
21 - 23	55.4	47.0	49.7	46.5	46.0	47.5	39.9	32.4	34.8	29.3	38.6	50.1	43.1	10
ALL	52.9	47.6	47.4	43.7	46.8	50.3	41.0	34.5	35.2	30.2	39.7	47.2	43.0	10

CIG  
1500 FT  
AND/OR  
VSBY  
LT 3 MI

00 - 02	28.8	24.1	25.4	17.4	19.7	26.5	21.3	18.4	15.5	10.6	16.3	22.2	20.5	10
03 - 05	29.1	25.5	22.7	19.0	22.3	27.8	22.9	19.7	16.6	11.5	16.9	21.9	21.3	10
06 - 08	28.4	24.3	23.9	18.2	22.5	28.2	25.3	18.2	15.2	10.4	16.7	23.4	21.2	10
09 - 11	27.3	25.3	25.9	16.7	21.1	27.2	22.0	18.6	15.1	11.4	17.3	25.7	21.1	10
12 - 14	26.2	25.7	23.1	15.2	18.5	23.8	16.3	13.8	13.3	10.4	16.5	22.8	18.8	10
15 - 17	25.9	25.3	22.9	17.9	17.9	21.8	15.5	12.3	12.7	10.7	18.3	24.6	18.8	10
18 - 20	27.0	23.9	24.7	17.3	17.0	22.5	17.5	14.0	13.2	10.6	15.8	24.6	19.0	10
21 - 23	28.1	24.3	26.1	16.2	18.7	25.1	20.6	16.1	16.3	9.6	15.8	23.4	20.0	10
ALL	27.6	24.8	24.3	17.3	19.7	25.4	20.2	16.4	14.7	10.7	16.7	23.6	20.1	10

CIG  
1000 FT  
AND/OR  
VSBY  
LT 2 MI

00 - 02	18.8	15.8	17.1	8.7	12.4	18.2	15.2	14.1	9.8	5.6	8.8	11.2	13.0	10
03 - 05	18.4	16.4	14.9	11.0	14.8	20.4	18.4	16.2	10.0	5.5	9.2	10.8	13.8	10
06 - 08	16.9	15.0	15.3	10.8	14.9	18.2	18.7	14.5	9.0	5.5	9.1	13.4	13.4	10
09 - 11	13.6	14.6	16.0	8.4	11.2	17.9	14.1	14.5	8.7	3.8	8.8	12.7	12.0	10
12 - 14	12.3	13.6	12.0	7.1	10.8	14.9	12.2	10.2	7.8	3.9	7.2	12.2	10.3	10
15 - 17	15.1	15.0	12.2	8.9	9.7	12.6	9.8	8.9	7.1	5.7	7.7	13.6	10.5	10
18 - 20	14.1	12.9	15.0	8.4	10.3	15.2	11.6	10.3	9.5	5.1	8.0	13.3	11.1	10
21 - 23	16.4	14.4	16.8	8.5	12.5	17.7	13.6	12.5	10.7	5.7	7.2	13.0	12.4	10
ALL	15.7	14.7	14.9	9.0	12.1	16.9	14.2	12.6	9.1	5.1	8.3	12.5	12.1	10

CIG  
200 FT  
AND/OR  
VSBY  
LT 1/2 MI

00 - 02	.1	1.0	.2	.1	.4	.3	.7	1.3	.7	.3	.1	.2	.4	10
03 - 05	.2	.6	.3	.0	.8	1.0	1.4	1.2	.6	.1	.1	.3	.5	10
06 - 08	.8	.6	.7	.2	.9	.9	2.2	3.0	.6	.0	.3	.2	.9	10
09 - 11	.9	1.0	1.2	.1	.2	1.1	1.1	2.0	.3	.0	.3	.4	.7	10
12 - 14	.1	1.1	.8	.2	.0	.3	1.0	.6	.8	.0	.5	.4	.5	10
15 - 17	.8	1.1	.5	.2	.2	.7	.8	.5	1.0	.1	.3	1.2	.6	10
18 - 20	1.1	.5	.4	.3	.7	.3	.6	.9	.8	.0	.2	.6	.5	10
21 - 23	.4	.7	.4	.0	.4	.3	.7	1.0	1.0	.1	.0	.0	.4	10
ALL	.5	.8	.6	.2	.5	.6	1.0	1.3	.7	.1	.2	.4	.6	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @ HEATING/COOLING DEGREE DAY DATA SUPPLEMENTED FROM:

LOCAL CLIMATOLOGICAL DATA (1989) FOR KODIAK, ALASKA (POR: 1951-1980).

60A

## LAW'S CLIMATIC BRIEF

~~KOTZEBUE/RALPH WREN APT. ALASKA~~

PERIOD: 1931-70

WBAN # 26616

WMO 70133

Prepared by ETRAC (DEC 1971)

H 66 53 W 162 36

FIELD ELEVATION: 11

STN LTRS: PAOT (OTZ)

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)		MEAN				99.95% PRESSURE ALTITUDE	MEAN NUMBER OF DAYS										MEAN CLIMOS (TENTHS)												
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (FASTEST) SPEED (MPH)	MEAN				PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOS (< 7 MILES)	TEMPERATURE (°F)																
												0000	RELATIVE HUMIDITY (%)	1300								DEW POINT (°F)	WIND PRESSURE (in)	N	N		N	N	N	N	N	N	N	N				
																																			80	65	50	35
JAN	39	1	-13	-47	0.4	0.8	5	5	ESE	13	56	73	72	-10	.03	1200	7	#	9	1	0	7	0	0	31	22	5											
FEB	35	3	-11	-52	0.3	0.7	6	7	E	12	81	72	73	-12	.03	1100	7	#	8	1	0	7	0	0	28	21	5											
MAR	38	7	-11	-48	0.3	0.5	6	9	E	11	48	73	73	-8	.03	1100	8	#	9	1	0	8	0	0	31	23	5											
APR	46	23	4	-44	0.3	0.3	5	4	ESE	11	54	79	77	-8	.06	950	7	0	8	1	0	9	0	0	30	13	6											
MAY	74	38	24	-18	0.3	0.6	2	4	W	9	35	86	79	26	.14	750	6	#	4	#	0	10	0	#	26	2	7											
JUN	81	50	38	20	0.5	0.8	#	2	W	10	37	89	81	39	.24	650	7	#	#	#	0	11	#	2	7	0	7											
JUL	85	59	47	34	1.5	1.8	#	#	WNW	11	44	89	78	48	.34	650	11	1	#	0	#	9	#	6	0	0	8											
AUG	80	56	45	31	2.2	1.5	#	#	WNW	12	43	90	79	46	.31	800	15	1	#	0	#	9	#	3	#	0	8											
SEP	68	46	36	15	1.2	0.9	1	5	ESE	11	45	88	75	36	.21	950	12	#	1	#	0	6	0	#	8	0	7											
OCT	51	30	20	-13	0.6	0.5	6	6	ESE	11	41	83	78	19	.11	1200	10	#	9	1	0	6	0	0	29	2	7											
NOV	38	13	2	-36	0.4	0.3	8	6	E	12	76	77	77	2	.05	1250	10	0	12	1	0	6	0	0	30	13	6											
DEC	36	3	-10	-47	0.3	0.4	7	8	E	11	57	74	74	-11	.03	1300	8	0	10	1	0	8	0	0	31	22	5											
ANN	85	27	14	-52	8.3	1.8	46	9	ESE	11	81	81	76	15	.09	1050	108	2	70	7	#	96	#	11	251	118	6											
EYR	28	30	30	28	30	20	27	27	26	26	22	26	27	26	26	26	27	26	26	26	26	26	26	26	27	27	26											

REMARKS

<sup>2</sup>MEANS AND EXTREMES FROM THE 1970 NOAA/EDS LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY INCLUDED

<sup>a</sup> FASTEST MILE CONVERTED TO KNOTS.

ANNUAL EXTREME EXCEEDED AT OTHER SITES IN THE LOCALITY: EXTREME MIN TEMP: - 58 IN MARCH 1930.

RUSSWO FOR: HRLY AND DAILY OBS: 4501-7012.

NOTE: \*DATA NOT AVAILABLE. †LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	28	24	22	22	29	25	28	34	26	24	28	24	26	
	03-05	27	24	24	24	30	28	33	42	28	25	31	24	28	
	06-08	27	25	25	26	31	31	37	46	34	30	32	24	31	
	09-11	25	26	22	22	27	26	33	43	31	27	29	24	28	
	12-14	23	26	19	20	23	22	27	36	31	26	26	25	25	
	15-17	25	28	18	20	20	18	21	30	30	28	30	24	24	
	18-20	26	29	21	20	21	17	20	27	29	29	30	24	24	
	21-23	27	25	19	22	23	20	24	31	24	25	27	23	24	
	ALL HOURS	26	26	21	22	25	23	28	36	29	27	29	24	24	22
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	18	16	13	14	19	17	20	19	11	12	14	17	16	
	03-05	17	17	15	15	20	21	24	25	14	11	15	16	18	
	06-08	17	16	16	17	20	22	27	30	16	14	16	15	19	
	09-11	16	19	14	15	18	18	22	27	18	12	16	14	17	
	12-14	16	20	12	14	14	15	16	20	15	11	15	16	15	
	15-17	17	20	13	12	11	12	13	15	12	13	16	17	14	
	18-20	17	19	14	11	10	11	11	14	12	11	14	16	13	
	21-23	17	17	12	13	14	14	15	17	11	12	12	16	14	
	ALL HOURS	17	18	14	14	16	16	19	21	14	12	15	16	16	22
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	13	11	7	8	15	15	14	11	4	5	9	11	10	
	03-05	12	12	9	10	15	18	18	15	5	5	9	10	12	
	06-08	13	12	11	11	15	18	19	18	8	9	10	10	13	
	09-11	12	16	9	11	13	15	16	14	9	7	11	9	12	
	12-14	12	15	8	10	9	12	11	10	7	7	10	11	10	
	15-17	13	15	9	7	7	10	8	7	5	9	11	11	9	
	18-20	12	13	10	8	7	10	8	8	6	5	9	10	9	
	21-23	12	11	7	9	10	12	10	10	4	6	8	11	9	
	ALL HOURS	12	13	9	9	12	14	13	11	6	6	10	10	11	22
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	3	2	2	1	3	5	2	1	#	#	2	2	2	
	03-05	3	3	2	2	3	3	2	1	#	#	1	2	2	
	06-08	4	4	2	3	3	3	2	1	#	#	1	2	2	
	09-11	4	6	2	2	1	1	1	0	0	1	2	2	2	
	12-14	4	6	2	2	#	1	#	0	0	1	2	3	2	
	15-17	2	5	3	1	#	1	#	0	0	1	2	3	2	
	18-20	2	3	2	1	2	2	1	#	#	1	2	3	2	
	21-23	3	3	1	1	2	4	1	#	#	1	2	2	2	
	ALL HOURS	3	4	2	2	2	3	1	#	#	1	2	2	2	22

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LONELY, ALASKA  
LOCATION: 70°55'N, 153°14'W  
PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 700450  
ELEVATION (FEET): 38  
PERIOD: 7301-8512 6HRLY

ICAO ID: LNI  
LST - GMT: -9

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DLY MAX 1	-9	-15	-11	3	23	38	44	44	34	17	2	-10	14
MEAN 1	-14	-19	-16	-3	20	35	40	39	31	13	-2	-15	9
MEAN DLY MIN 1	-18	-24	-21	-8	16	32	37	36	29	10	-7	-19	5
EXTREME MIN	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	31	30	30	18	7	10	24	31	30	31	300
# DAYS ≤ 0 1	27	26	30	23	2	0	0	0	0	8	22	29	167
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01 3	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 1.5 3	*	*	*	*	*	*	*	*	*	*	*	*	3
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (04 LST) 1	74	74	70	74	87	89	87	92	92	85	75	70	81
RH (10 LST) 1	73	73	73	75	86	87	85	87	89	85	78	70	81
VAPOR PRESS 1	.03	.03	.02	.04	.11	.19	.24	.25	.19	.10	.04	.02	.11
DEWPOINT	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN SPEED	*	*	*	*	*	*	*	*	*	*	*	*	*
(PVLG DRCTN)	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN SPEED	*	*	*	*	*	*	*	*	*	*	*	*	*
(ALL OBS)	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	700	550	550	400	400	450	550	550	600	650	700	750	750
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS TSMS 1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7 1	2	6	6	6	12	11	10	13	11	6	2	5	96
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8512 6 HRLY  
 2.  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	27	22	20	29	71	57	48	65	73	57	35	21	44
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	28	26	27	30	65	59	51	70	75	62	38	25	46
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	33	33	20	28	61	54	44	65	72	60	41	30	45
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	28	25	19	28	65	57	41	62	77	60	36	24	44
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	16	16	23	62	48	40	55	64	47	24	14	35
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	21	19	23	24	59	50	41	59	66	50	29	19	38
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	26	27	16	21	55	45	32	49	61	49	34	24	37
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	22	18	14	21	52	44	32	50	66	51	29	16	35
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	10	9	12	30	35	28	36	37	15	14	8	21
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	13	11	17	15	36	38	32	44	43	26	13	6	25
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	18	18	13	11	29	29	20	30	41	24	19	12	22
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	13	1	9	10	31	32	24	36	37	20	15	8	20
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	2	2	6	7	8	11	8	1	2	2	4
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	2	3	4	2	5	3	7	11	6	2	1	1	4
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	5	3	3	1	1	1	6	4	8	1	3	2	3
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	2	2	2	1	3	7	5	10	5	1	2	1	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LONELY, ALASKA  
LOCATION: 70°55'N, 153°14'W  
PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 700450  
ELEVATION (FEET): 38  
PERIOD: 7301-8512 6HRLY

ICAO ID: LNI  
LST - GMT: -9

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	2	4	6	5	3	2	1	2	7	5	4	4
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	6	4	6	9	4	3	2	4	2	7	4	3	4
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	8	3	5	8	5	2	3	1	4	7	4	2	4
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	7	2	4	5	3	2	2	2	4	7	6	3	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 † - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8512 6HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	9	9	12	36	35	26	33	37	13	12	8	20
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	13	11	15	13	32	34	28	41	36	23	12	5	22
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	16	17	13	9	25	26	18	27	36	21	18	11	20
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	12	8	8	9	27	31	22	33	32	17	12	8	18
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	6	9	20	27	32	22	25	33	9	10	5	17
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	10	9	13	10	21	25	22	60	25	13	8	5	19
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	14	15	11	7	13	17	15	17	24	13	13	9	14
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	11	7	7	6	16	21	17	26	25	11	8	6	14
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	2	6	5	15	14	15	18	15	3	4	3	9
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	7	5	9	5	10	10	14	20	15	5	3	3	9
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	9	7	8	3	4	5	10	8	13	4	8	4	7
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	6	3	4	3	6	13	9	17	15	3	5	4	7
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	1	3	4	2	6	3	0	0	1	2
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	2	2	#	#	1	2	4	2	1	1	1	1
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	2	1	1	#	#	#	0	1	5	#	1	#	1
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	1	1	1	1	1	2	3	5	1	0	0	0	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## AWS CLIMATIC BRIEF

**NENANA MOUNT. ALASKA**

PERIOD: 1949-67

WBAN \* 26435

WMO 70260

Prepared by ETAC ( FEB 1972

N 64 33 W 149 05

FIELD ELEVATION: 360

11STN LTR3: PAGE (100)

[illegible]

REMARKS

<sup>2</sup>HIGHEST WIND SPEED HOURLY CLASS INTERVAL.

RUSSWO POR: HRLY AND DAILY OBS: 4901-6712.

NOTE: \*DATA NOT AVAILABLE. †LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	16	15	9	8	6	5	11	12	11	23	19	15	13	
	03-05	17	16	11	10	7	6	14	17	13	25	18	14	14	
	06-08	19	17	11	10	7	9	17	19	18	25	19	14	15	
	09-11	20	15	10	9	8	10	18	21	16	25	18	15	15	
	12-14	17	12	9	8	7	10	15	18	16	24	17	15	14	
	15-17	17	13	8	7	6	5	10	11	13	23	21	16	13	
	18-20	16	14	8	6	5	4	7	8	11	22	21	16	12	
	21-23	15	15	9	6	5	4	9	10	11	24	20	16	12	
	ALL HOURS	17	15	9	8	6	6	13	14	13	24	19	15	13	19
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	10	10	5	4	3	2	5	7	5	11	10	8	7	
	03-05	11	11	6	4	3	2	8	12	8	13	10	7	8	
	06-08	11	11	7	5	4	4	10	12	11	14	11	7	9	
	09-11	12	9	6	4	2	3	7	9	9	13	10	8	8	
	12-14	10	6	4	2	2	2	5	5	6	13	9	9	6	
	15-17	9	7	4	2	1	1	3	3	5	12	9	10	6	
	18-20	8	8	5	2	2	1	3	3	4	11	10	9	6	
	21-23	9	9	4	2	2	1	3	4	5	11	10	9	6	
	ALL HOURS	10	9	5	3	2	2	6	7	7	12	10	8	7	19
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	7	6	3	2	2	1	3	4	3	7	6	5	4	
	03-05	7	7	4	2	2	1	4	8	5	6	6	4	5	
	06-08	8	7	4	2	2	1	5	7	8	8	6	3	5	
	09-11	8	5	3	2	1	1	3	4	4	6	5	4	4	
	12-14	6	4	2	1	#	#	2	2	6	4	4	3		
	15-17	5	4	2	1	#	#	1	1	2	6	4	5	3	
	18-20	4	5	2	1	1	#	1	1	2	6	7	5	3	
	21-23	5	6	2	1	1	#	2	2	3	6	6	5	3	
	ALL HOURS	6	5	3	1	1	1	3	4	4	6	6	5	4	19
CIG less than 500 feet and/or VSBY less than 1/2 mile	00-02	#	#	#	#	#	#	#	#	#	#	1	0	#	
	03-05	1	1	#	#	#	#	1	2	1	#	1	#	1	
	06-08	#	#	#	#	#	#	#	1	2	#	#	0	#	
	09-11	1	#	#	#	#	0	0	0	#	#	#	#	#	
	12-14	#	#	0	#	0	0	#	0	0	#	#	#	#	
	15-17	#	#	#	0	0	0	#	0	0	#	#	#	#	
	18-20	#	#	#	0	0	0	#	0	0	#	#	#	#	
	21-23	#	#	0	0	0	0	#	#	#	#	#	#	#	
	ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#	19

66



## AWS CLIMATIC BRIEF

NOME/NOME FIELD, ALASKA

PERIOD: 1933-70B

WBAN # 26617

WMO # 70200

Prepared by E.TAC

DEC 1971

164 31 W 165 25

FIELD ELEVATION: 36 ft

STN LTRS PAOM(OME)

[illegible]

## REMARKS

<sup>1</sup>Means and Extremes Included from the 1970 NOAA/EDS Local Climatological Data Summary.

Annual Extremes Exceeded at other Sites in the Locality:

Extreme Min Temp:  $-47^{\circ}\text{F}$  in Jan 1919; Max 24-hour Snowfall: 14 In. in Feb 1920.

RUSSWO POR: Hrly & Daily Obs: 4501-4902, 4904-7007.

NOTE: \*DATA NOT AVAILABLE. †LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	33	30	29	32	34	32	47	49	36	30	37	29	35	
	03-05	34	29	29	34	36	33	49	53	37	30	37	30	36	
	06-08	33	28	27	33	38	36	50	54	38	33	39	30	37	
	09-11	31	27	24	31	37	35	47	56	39	31	37	27	35	
	12-14	31	26	24	32	33	32	44	54	38	31	36	26	34	
	15-17	33	27	26	32	30	29	43	50	38	33	38	29	34	
	18-20	35	30	30	34	31	30	42	49	36	33	38	28	35	
	21-23	33	29	29	33	32	31	43	48	34	30	35	28	34	
	ALL HOURS	33	28	27	33	34	32	46	52	37	31	37	29	35	22
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	24	21	22	22	23	24	38	36	20	15	20	17	24	
	03-05	24	20	21	22	25	25	39	38	20	14	22	19	24	
	06-08	24	19	19	23	26	28	39	40	21	16	22	19	25	
	09-11	24	20	18	21	25	27	36	40	20	16	22	20	24	
	12-14	24	19	18	22	22	25	33	38	19	16	22	19	23	
	15-17	26	19	20	23	20	22	32	36	20	16	23	18	23	
	18-20	24	21	21	24	19	22	33	36	19	15	22	17	23	
	21-23	25	21	21	24	21	23	36	37	19	14	21	17	23	
	ALL HOURS	24	20	20	23	23	24	36	37	20	15	22	18	24	22
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	17	14	15	16	17	19	29	25	11	7	13	12	16	
	03-05	17	13	15	16	19	20	30	26	11	7	13	14	17	
	06-08	16	13	14	17	19	21	29	27	11	8	13	13	17	
	09-11	19	14	14	17	19	26	25	11	9	15	13	16		
	12-14	19	14	13	14	14	19	23	24	10	9	15	13	16	
	15-17	20	14	15	16	13	17	22	24	10	9	15	13	16	
	18-20	19	15	16	16	13	17	24	25	11	7	15	12	16	
	21-23	19	14	16	17	16	19	28	25	10	7	15	12	17	
	ALL HOURS	18	14	15	16	16	19	27	25	11	8	14	13	16	22
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	3	2	2	2	2	4	3	1	#	#	1	2	2	
	03-05	3	2	2	1	2	3	3	2	1	#	1	2	2	
	06-08	3	2	2	1	2	2	1	1	#	#	1	1	1	
	09-11	4	3	2	1	1	1	#	#	#	#	2	2	1	
	12-14	4	3	2	1	#	1	#	#	#	#	1	3	1	
	15-17	4	3	3	1	1	1	#	#	#	1	2	2	2	
	18-20	3	2	4	1	1	2	1	#	1	#	2	2	2	
	21-23	3	2	3	2	2	4	2	1	#	#	2	2	2	
	ALL HOURS	3	2	3	1	1	2	1	1	#	#	1	2	2	22

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: OLIKOTOK, ALASKA  
LOCATION: 57°12'N, 153°18'W  
PREPARED BY: USAFETAC/ECR, NOV 1986

STATION #: 700630  
ELEVATION (FEET): 16  
PERIOD: JAN 73 - DEC 80

ICAO ID: OLN  
LST - GMT: -8  
6 HRLY

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)															
EXTREME MAX		*	*	*	*	*	*	*	*	*	*	*	*	*	
MEAN DLY MAX	1	-10	-16	-12	2	24	38	46	44	35	17	1	-11	13	
MEAN	1	-14	-21	-18	-3	20	35	42	41	32	13	-3	-16	9	
MEAN DLY MIN	1	-19	-25	-22	-9	16	33	39	38	30	10	-7	-20	6	
EXTREME MIN		*	*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
# DAYS > 32	1	31	28	31	30	15	3	5	22	31	30	31	287		
# DAYS > 0	1	27	26	30	23	2	0	0	0	8	22	28	166		
2. PRECIPITATION (INCHES)															
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*	
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*	
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*	
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS > 0.01		*	*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*	
3. SNOWFALL (INCHES)															
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*	
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*	
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS > 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*	
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)															
RH (06 LST)		1	76	77	75	79	89	92	91	93	93	86	79	75	84
RH (18 LST)		1	76	77	76	80	89	91	89	91	93	86	79	75	81
VAPOR PRESS		1	.03	.03	.02	.04	.11	.19	.25	.24	.17	.08	.04	.02	.11
DEWPOINT			*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)															
PVLG DRCTN			*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN SPEED			*	*	*	*	*	*	*	*	*	*	*	*	*
(PVLG DRCTN)			*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN SPEED			*	*	*	*	*	*	*	*	*	*	*	*	*
(ALL OBS)			*	*	*	*	*	*	*	*	*	*	*	*	*
MAX (PK GST)			*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	700	550	450	350	350	400	400	550	600	650	750	800	800	
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)															
CLD COVER			*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS TSMS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7	1	7	5	6	6	12	12	11	11	6	6	5	98		
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8512, 6 HRLY  
 2.  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	31	29	24	27	71	56	48	62	71	64	36	32	46
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	34	27	27	36	71	58	55	69	75	70	45	34	51
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	35	34	30	31	65	52	43	58	75	67	45	32	47
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	30	29	24	25	66	52	39	60	73	67	39	28	44
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	26	24	18	22	59	47	43	51	59	49	29	24	38
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	29	20	24	28	60	49	46	58	61	55	32	26	41
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	28	27	26	26	55	44	31	46	58	52	37	25	38
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	24	21	19	19	53	43	29	46	58	53	32	22	35
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	8	10	9	34	25	26	26	33	19	12	10	19
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	13	7	15	17	36	26	29	40	37	27	10	12	22
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	20	17	16	11	24	22	17	26	33	22	21	13	20
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	13	13	12	10	25	24	16	24	31	22	11	9	18
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	3	2	9	8	10	6	7	1	2	3	5
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	6	2	4	4	8	7	7	10	11	2	4	3	6
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	9	6	4	3	2	1	2	2	6	2	4	3	4
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	4	3	4	3	3	5	4	5	6	1	2	2	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: OLIKOTOK, ALASKA  
 LOCATION: 57°12'N, 153°18'W  
 PREPARED BY: USAFETAC/ECR, NOV 1986

STATION #: 700630  
 ELEVATION (FEET): 16  
 PERIOD: JAN 73 - DEC 85

ICAO ID: OLH  
 LST - GMT: -8  
 6 HRLY

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8512  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	7	9	8	30	24	22	22	29	14	11	8	16
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	12	7	14	16	32	24	27	34	34	21	9	11	20
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	20	17	16	10	22	21	15	23	31	18	18	12	19
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	13	11	12	9	23	21	14	23	26	17	9	9	16
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	6	9	7	27	19	18	16	23	9	8	7	13
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	12	7	12	13	25	20	20	26	26	16	7	10	16
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	18	15	14	8	11	13	11	16	22	12	14	11	14
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	12	10	11	8	15	17	12	15	18	11	7	8	12
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	4	5	4	17	13	15	11	14	4	6	5	9
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	8	3	8	8	15	11	16	17	22	7	5	5	10
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	14	10	10	5	4	5	6	9	13	5	8	7	8
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	9	6	8	4	6	8	8	9	11	4	5	3	7
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	1	1	4	4	4	2	3	1	1	2	2
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	1	2	3	2	3	3	4	6	1	1	2	3
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	5	2	3	1	1	1	#	1	3	1	2	1	2
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	2	1	2	2	2	3	1	1	2	#	1	1	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: POINT LAY, ALASKA  
LOCATION: 69°44'N, 163°01'W  
PREPARED BY: USAFETAC/ECR, NOV 1986

STATION #: 701210  
ELEVATION (FEET): 20  
PERIOD: JUL 77 - DEC 85

ICAO ID:  
LST - GMT: -8  
6 HRLY

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	3	35	33	31	41	55	71	78	69	60	44	36	32	78
MEAN DLY MAX	1	-5	-13	-11	3	26	44	52	49	39	18	3	-7	17
MEAN	1	-10	-17	-16	-3	22	40	48	45	35	15	-1	-12	12
MEAN DLY MIN	1	-15	-22	-21	-8	18	36	43	42	32	11	-5	-17	8
EXTREME MIN	3	-55	-54	-55	-53	-15	17	27	26	-8	-19	-42	-51	-55
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 32	1	31	28	31	30	29	8	1	2	17	30	30	31	268
# DAYS > 0	1	25	25	29	22	1	0	0	0	#	7	20	26	155
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	3	.19	.14	.16	.17	.11	.52	1.35	2.28	.71	.55	.24	.17	6.6
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	3	1	1	#	#	#	1	3	5	2	2	1	1	17
# DAYS > 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	78	74	73	76	81	87	88	91	90	84	77	74	81
RH (18 LST)	1	78	74	73	77	82	84	82	86	89	84	78	76	80
VAPOR PRESS	1	.04	.03	.02	.04	.11	.22	.29	.28	.19	.08	.05	.03	.12
DEWPOINT		*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN SPEED		*	*	*	*	*	*	*	*	*	*	*	*	*
(PVLG DRCTN)		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN SPEED		*	*	*	*	*	*	*	*	*	*	*	*	*
(ALL OBS)		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	750	650	550	550	500	450	450	500	550	650	750	800	800
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER		*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS TSTMS	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JUL 77 - DEC 86, 6 HRLY  
 2.  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARY UP TO 9 YR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	41	32	31	35	55	54	50	66	65	57	41	32	47
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	43	32	41	42	60	59	55	71	72	62	44	33	51
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	47	38	44	40	54	48	46	55	66	57	45	43	49
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	40	34	38	36	52	43	44	46	68	60	46	35	46
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	35	26	25	30	46	43	37	51	52	43	33	28	37
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	36	27	36	37	47	46	43	56	55	45	34	27	41
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	39	30	38	33	40	37	33	41	48	43	38	37	38
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	33	31	34	32	41	33	30	38	53	45	36	31	36
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	13	16	18	19	18	17	17	14	8	13	15	15
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	18	12	27	23	21	18	18	29	24	12	13	15	19
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	25	22	28	22	16	10	13	13	16	15	21	26	19
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	18	19	24	19	17	9	12	11	18	11	15	20	16
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	6	8	8	8	6	4	2	3	1	5	5	5
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	9	5	14	14	9	4	4	4	5	2	3	7	7
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	12	11	16	13	6	2	2	1	#	3	8	8	6
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	6	7	14	9	7	2	4	2	2	2	5	7	6
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: POINT LAY, ALASKA  
 LOCATION: 69°44'N, 163°01'W  
 PREPARED BY: USAFETAC/ECR, NOV 1986

STATION #: 701210  
 ELEVATION (FEET): 20  
 PERIOD: JUL 77 - DEC 85

ICAO ID: PIZ  
 LST - GMT: -8  
 6 HRLY

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*



REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707 - 8512, 6 HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	13	16	18	18	15	14	14	12	8	12	14	14
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	17	11	26	23	19	17	15	25	21	12	12	14	18
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	25	21	28	22	15	10	12	10	12	14	20	25	18
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	17	18	23	18	16	8	11	9	16	11	15	19	15
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	13	15	17	17	12	11	9	7	5	10	14	12
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	16	10	24	22	16	11	9	14	16	9	10	14	14
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	24	19	26	21	12	5	6	5	6	11	18	23	15
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	16	18	22	17	13	6	6	6	9	7	10	17	13
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	10	11	12	12	9	7	6	5	2	7	9	9
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	14	8	19	18	12	7	5	6	8	4	6	14	10
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	18	15	21	18	8	2	3	2	2	6	12	15	10
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	11	11	18	14	9	4	4	3	3	4	6	12	8
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	5	5	4	2	3	#	1	1	1	2	3
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	8	3	8	7	2	2	2	3	3	1	1	2	3
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	9	7	9	8	3	#	1	0	0	1	5	3	4
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	4	4	9	7	4	0	1	1	1	1	3	2	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS													

## AWS CLIMATIC BRIEF

AWS CLIMATIC BRIEF															MEAN		RELATIVE HUMIDITY (%)		DEW PT		SURFACE WINDS		MEAN NUMBER OF DAYS OCCURRENCE OF																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
MONTH	TEMPERATURE (°F)				PRECIPITATION (IN)				SNOWFALL (IN)				RELATIVE HUMIDITY (%)	DEW PT	SURFACE WINDS	PRECIP	SNOWFALL	FOG	TEMPERATURE (°F)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	MEAN		EXTREME		MONTHLY		MONTHLY		MONTHLY		MONTHLY								PRECIP		SNOWFALL		FOG		TEMPERATURE (°F)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	MEAN		EXTREME		MONTHLY		MONTHLY		MONTHLY		MONTHLY								PRECIP		SNOWFALL		FOG		TEMPERATURE (°F)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	MAX	MIN	THLY	MAX	MIN	MEAN	MAX	MIN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	34 HRS	MEAN	MAX	

## REFERENCES

**REASON FOR:**

HOURLY OBS: DEC 73 - NOV 83

SUMMARY OF DAY DATA: JUN 43 - JUN 45, SEP 59 - NOV 83

NOTE: \* DATA NOT AVAILABLE

# ANTS < UNITS SHOWN IN HEADING

\* INSTANTANEOUS REAR VIEW MIRROR

**U.S. CALIFORNIA & PLATE DESIGN**

BASED ON 5 FULL MONTHS

NOTE: * DATA NOT AVAILABLE		#	AMTS	UNITS SHOWN IN HEADINGS				THREAT/ABNORMAL PEAK WINDS				% CALM BIRTH % PLVG. ONLY		# BASED ON < FULL MONTHS			
CAY FREQ(S)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	BYE		
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	49	49	44	51	73	87	92	89	49	35	45	51	60			
	03-05	52	45	44	50	75	91	94	92	52	39	44	50	61			
	06-00	52	48	43	52	72	90	92	91	54	37	41	49	60			
	09-11	54	53	43	52	70	89	92	90	53	38	44	52	61			
	12-14	51	48	38	50	67	84	90	85	48	39	45	53	58			
	15-17	51	49	39	46	63	80	86	79	44	37	46	52	56			
	18-20	55	53	45	47	65	82	86	82	48	37	51	53	59			
	21-23	52	55	49	51	71	85	91	86	53	36	52	52	61			
	ALL HRS	52	50	43	50	70	86	90	87	50	37	46	52	59	10		
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	24	23	21	27	43	73	85	81	31	19	21	26	40			
	03-05	25	23	21	29	44	80	87	84	31	19	22	24	41			
	06-00	25	25	19	29	43	76	85	83	32	17	20	25	40			
	09-11	27	27	26	30	43	76	86	83	32	16	20	26	41			
	12-14	28	26	21	27	39	70	81	76	29	16	19	27	38			
	15-17	27	25	20	24	38	66	74	72	27	17	23	26	37			
	18-20	30	27	22	26	39	66	78	73	29	18	24	27	38			
	21-23	28	25	22	27	41	70	83	77	33	17	23	26	39			
	ALL HRS	27	25	22	27	41	72	83	79	31	17	22	26	39	10		
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	16	16	13	19	29	60	78	74	24	11	11	15	31			
	03-05	15	16	13	21	31	66	80	76	23	12	10	14	31			
	06-00	16	19	13	18	31	64	79	77	24	12	11	15	32			
	09-11	18	20	19	21	29	65	77	74	24	10	11	16	32			
	12-14	18	18	15	20	24	59	72	69	21	9	11	17	29			
	15-17	17	18	14	18	24	53	66	62	21	9	14	17	28			
	18-20	20	20	15	20	26	53	71	66	22	11	13	17	30			
	21-23	18	19	13	21	27	56	77	68	26	9	12	14	30			
	ALL HRS	17	19	14	20	28	60	75	71	23	10	12	16	30	10		
CEILING LESS THAN 500 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	2	3	2	1	4	14	29	24	4	2	1	1	8			
	03-05	1	2	1	1	5	21	29	27	3	1	1	1	8			
	06-00	1	3	1	2	5	22	32	28	4	1	1	1	8			
	09-11	2	2	2	2	4	14	25	25	5	1	2	2	7			
	12-14	3	3	1	3	2	10	11	17	3	1	1	3	5			
	15-17	2	4	2	2	3	5	8	13	2	1	1	2	4			
	18-20	3	5	3	2	3	9	14	17	3	2	1	2	5			
	21-23	3	3	2	2	4	17	25	25	3	1	1	1	7			
	ALL HRS	2	3	2	2	4	15	22	22	3	1	1	2	7	10		

PREPARED BY		STATION NAME		PERIOD		SYN LTGS																								
USAPETAC		SPARREVOHN AFS AR		MAR 53-NOV 84		PAST																								
SEPTEMBER		LOCATION		ELEV		RNC NO:																								
		N61 06 4155 35		1573 FT		102350																								
<b>AWS CLIMATIC BRIEF</b>																														
M O N T H	TEMPERATURE (°F)			PRECIPITATION (IN)			SHOWFALL (IN)			RELATIVE HUMIDITY (%)			SURFACE WINDS			MEAN NUMBER OF DAYS OCCURRENCE OF														
	MEAN			EXTREME			MONTHLY			MONTHLY			PULSE			PRECIP														
	DAILY			MAX			MAX			MAX			MAX			MAX														
	MAX			MIN			MIN			MIN			MIN			MIN														
JAN	18	5	11	45	-45	1.2	3.4	8	12	39	9	71	72	11	3250	4	4	69	7	10	8	9	2	0	12	0	0	30	7	
FEB	15	2	9	51	-39	1.9	2.8	1	10	29	9	72	70	11	3200	4	4	71	6	9	8	9	2	0	11	0	0	27	7	
MAR	24	12	18	48	-36	1.2	3.3	8	14	41	15	74	68	11	2800	5	4	86	7	11	8	11	3	0	13	0	0	30	2	
APR	34	22	28	52	-17	1.5	4.6	1	24	15	17	74	67	11	2750	5	5	65	7	12	8	11	3	0	12	0	0	27	4	
MAY	48	34	41	75.8	2	1.1	2.4	8	10	21	5	71	60	11	2450	5	4	50	8	11	8	5	1	0	11	0	0	27	7	
JUN	58	44	51	82	29	2.5	6.0	5	24	8	5	75	62	11	2250	5	4	46	8	14	1	1	0	1	9	6	13	1	0	
JUL	63	49	54	82	34	3.8	6.7	5	24	8	8	82	70	11	2100	5	4	52	9	17	2	0	0	1	12	9	16	0	0	
AUG	57	46	52	85	29	4.1	7.5	1.7	24	1	1	81	69	11	2300	5	4	54	8	19	2	0	0	1	13	5	11	0	0	
SEP	49	38	45	70	14	7.0	7.1	4	13	8	2	82	72	11	2600	4	4	60	8	16	1	2	0	8	11	8	2	7	0	
OCT	31	22	27	63	-15	1.9	3.8	8	14	38	10	83	80	11	3100	4	4	74	8	16	1	13	3	0	18	0	0	25	0	
NOV	24	11	16	47	-33	1.2	3.0	2	13	25	7	78	75	11	3200	5	4	76	7	12	8	12	3	0	15	0	0	28	1	
DEC	15	1	5	45	-50	1.2	4.2	1	13	32	14	74	71	11	3350	5	4	93	7	12	8	12	3	0	15	0	0	30	7	
ANN	36	24	30	55	-50	23.9	7.5	8	24	98	54	77	76	70	11	2900	5	4	93	8	15	7	85	20	3	49	21	44	215	24
EVN	24	24	24	24	24	30	30	30	30	30	30	8	8	8	8	8	8	15	8	30	30	30	30	30	30	30	24	24	24	24
REMARKS: RUSSMO PCR: HOURLY OBS: DEC 76 - NOV 84 SUMMARY OF DAY DATA: MAR 53 - NOV 84																														
NOTE: DATA NOT AVAILABLE																														
# AMTS < UNITS SHOWN IN HEADING																														
** INSTANTANEOUS PEAK WINDS																														
1% CALM GRT & PLVG ORCTR																														
3 BASED ON < FULL MONTH																														
FREQ (%)																														
HRS LST																														
JAN																														
FEB																														
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DEC																														
ANN																														
EVN																														
CEILING LESS THAN 1000 FT																														
AND/OR VISIBILITY LESS THAN 3 MI																														
ALL HRS																														
CEILING LESS THAN 1500 FT																														
AND/OR VISIBILITY LESS THAN 3 MI																														
ALL HRS																														
CEILING LESS THAN 1000 FT																														
AND/OR VISIBILITY LESS THAN 2 MI																														
ALL HRS																														
CEILING LESS THAN 200 FT																														
AND/OR VISIBILITY LESS THAN 1/2 MI																														
ALL HRS																														

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TALKEETNA, AK  
 LOCATION: 62°18'N, 150°06'W  
 PREPARED BY: USAFETAC/ECR, APR 1987

STATION #: 702510  
 ELEVATION (FEET): 354  
 PERIOD: VARIED

ICAO ID: RATK  
 LST - GMT -9

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	45	50	53	69	82	91	90	85	78	68	50	47	91
MEAN DLY MAX	2	19	26	33	44	56	66	68	65	56	41	26	19	43
MEAN	2	9	15	21	33	45	55	58	55	46	32	18	10	33
MEAN DLY MIN	2	-1	5	8	22	33	44	48	45	36	24	9	1	23
EXTREME MIN	2	-48	-46	-43	-37	-5	28	33	25	15	-21	-41	-45	-48
# DAYS > 70	2	0	0	0	0	2	9	12	8	1	0	0	0	32
# DAYS < 32	2	31	28	31	29	14	#	0	1	9	25	29	31	227
# DAYS < 0	2	15	12	10	1	#	0	0	0	0	2	10	15	64
2. PRECIPITATION (INCHES)														
MAXIMUM	2	5.56	5.57	4.03	4.51	3.48	6.44	8.74	11.92	9.92	6.05	7.04	4.15	11.92
MEAN	2	1.6	1.6	1.5	1.1	1.4	2.3	3.3	4.8	4.3	2.9	1.7	1.6	28.1
MINIMUM	2	#	#	0.06	.04	0.27	0.21	1.08	1.96	0.91	0.81	0.07	0.34	#
MAX 24 HR	2	1.95	1.44	1.38	1.37	1.39	1.58	2.93	2.54	3.12	1.56	1.59	1.67	3.12
# DAYS > 0.01	2	8	8	9	7	11	13	15	16	15	13	10	10	135
# DAYS > 0.5	2	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOW/ICE PELLETS (INCHES)														
MEAN	2	17.7	17.7	17.5	8.5	0.8	#	0	#	0.2	10.1	15.3	18.8	106.6
MAXIMUM	2	56.3	71.2	56.3	40.1	11.0	#	*	*	18.0	32.9	67.2	48.9	71.2
MAX 24 HR	2	24.0	36.0	20.7	18.0	10.0	#	*	#	18.0	15.0	19.5	21.9	36.0
# DAYS > 0.1	2	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.0	2	4.7	4.5	4.9	3.9	.3	0	0	0	.1	4.1	4.6	6.0	33.
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (03 LST)	1	75	72	78	85	89	91	93	96	95	87	79	75	85
RH (14 LST)	1	69	61	60	55	49	55	61	62	62	69	71	72	62
VAPOR PRESS	1	.08	.08	.11	.14	.21	.30	.37	.36	.26	.16	.09	.07	.19
DEWPOINT	1	12	11	17	25	35	44	50	49	40	27	15	11	29
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	N	N	N	\$N	\$S	S	S	\$S	\$N	\$N	N	N	\$N
MEAN SPEED	1													
(PVLG DRCTN)	1	7	7	6	6	7	7	7	6	5	6	7	7	7
MEAN SPEED	1													
(ALL OBS)	1	6	6	5	5	5	5	5	4	4	4	5	5	5
MAX (PK GST)	1	56	45	41	32	32	31	28	25	32	33	30	42	56
PRESSURE ALT	1	1550	1750	1450	1250	1150	850	750	1200	1300	1600	1600	1900	1900
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	4	4	5	5	6	5	5	5	5	4	5
DAYS TSMS	2	0	0	0	0	#	1	2	1	#	0	0	0	4
DAYS FOG < 7	1	6	5	7	6	2	4	6	8	8	10	8	6	75
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8412, HRLY  
 2. NATIONAL CLIMATIC DATA CENTER SUMMARY, POR 29-46YRS.  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	13	17	14	12	15	20	17	21	25	20	17	17
03-05 LST	18	10	19	15	12	16	22	23	23	23	19	17	18
06-08 LST	18	18	22	17	12	20	27	26	25	27	21	21	21
09-11 LST	19	18	20	16	13	20	29	27	22	26	23	24	21
12-14 LST	18	15	19	17	15	20	26	21	20	25	22	23	20
15-17 LST	17	16	17	17	15	16	18	17	18	25	24	23	19
18-20 LST	16	17	20	18	11	12	13	15	21	26	23	24	18
21-23 LST	15	16	20	19	13	11	15	16	22	23	22	21	18
ALL HOURS	17	15	19	17	13	16	21	20	21	25	22	21	19

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	6	12	8	4	7	12	10	9	13	12	10	9
03-05 LST	11	6	13	8	5	9	15	13	9	13	12	9	10
06-08 LST	11	7	13	10	4	10	15	13	10	14	11	10	11
09-11 LST	10	9	11	10	4	9	15	14	11	15	13	11	11
12-14 LST	10	8	12	8	3	7	10	9	9	15	15	12	10
15-17 LST	9	8	10	8	3	4	7	6	7	17	14	12	9
18-20 LST	9	8	10	11	2	4	6	6	8	14	13	12	9
21-23 LST	8	7	11	11	3	5	6	8	8	13	13	11	9
ALL HOURS	10	8	12	9	3	7	11	10	9	14	13	11	10

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	2	7	6	1	3	7	6	4	8	7	6	6
03-05 LST	6	3	8	5	3	5	10	9	5	9	5	6	6
06-08 LST	7	4	10	7	2	4	9	8	6	11	7	7	7
09-11 LST	6	6	7	6	1	4	7	8	7	11	10	7	7
12-14 LST	6	6	6	5	1	3	4	4	5	11	11	8	6
15-17 LST	7	5	5	5	1	2	2	3	4	11	9	9	5
18-20 LST	7	5	6	7	1	2	4	3	5	9	8	7	5
21-23 LST	6	5	8	7	1	3	5	4	4	7	8	6	5
ALL HOURS	7	5	7	6	1	3	6	6	5	10	8	7	6

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	0	#	#	#	#	1	#	2	1	#	#
03-05 LST	#	#	0	1	1	1	#	1	0	1	#	#	#
06-08 LST	#	1	1	#	#	#	#	1	#	2	1	0	#
09-11 LST	1	#	1	#	0	0	#	#	0	1	2	1	1
12-14 LST	1	2	1	#	#	0	0	0	0	1	2	1	1
15-17 LST	1	#	#	1	0	0	0	#	0	1	1	1	#
18-20 LST	#	#	#	1	0	0	1	0	#	#	#	#	#
21-23 LST	#	#	0	#	0	0	0	#	1	1	#	#	#
ALL HOURS	1	#	#	#	#	#	#	#	#	1	1	#	#

# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: TALKEETNA, AK  
LOCATION: 62°18'N, 150°06'W  
PREPARED BY: USAFETAC/ECR, APR 1987

STATION #: 702510  
ELEVATION (FEET): 354  
PERIOD: 7301-8412, HRLY

ICAO ID: PATK  
LST - GMT -9

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	#	#	#	#	0	0	0	#
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	#	0	0	0	#
09-11 LST	0	0	0	#	0	0	0	0	0	0	0	0	#
12-14 LST	0	0	0	0	#	#	#	0	0	0	0	0	#
15-17 LST	0	0	0	0	#	1	1	1	#	0	#	0	#
18-20 LST	#	0	0	0	#	0	1	#	0	0	#	0	#
21-23 LST	0	0	0	0	0	0	1	#	0	0	0	0	#
ALL HOURS	#	0	0	#	#	#	#	#	#	0	#	0	#

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	1	5	15	18	25	20	22	12	5	1	11
03-05 LST	2	3	3	5	15	19	25	24	19	9	5	1	11
06-08 LST	3	1	2	4	10	17	19	19	15	9	3	1	9
09-11 LST	2	2	2	4	7	15	17	15	17	8	2	1	8
12-14 LST	2	1	3	5	9	14	14	15	14	9	2	1	8
15-17 LST	2	1	3	5	12	16	14	17	17	12	2	2	9
18-20 LST	3	2	2	5	12	15	16	19	21	12	3	2	10
21-23 LST	2	3	2	5	12	18	21	19	23	13	3	1	10
ALL HOURS	2	2	2	5	12	16	19	18	19	10	3	1	9

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	5	15	10	0	#	0	0	1	9	11	18	7
03-05 LST	14	8	15	11	0	0	0	#	#	9	13	15	7
06-08 LST	12	10	15	9	#	0	0	#	#	10	11	16	7
09-11 LST	10	11	13	8	#	0	0	0	0	10	12	16	7
12-14 LST	11	11	12	5	#	0	0	0	0	9	14	17	7
15-17 LST	9	8	11	7	#	0	0	#	0	10	12	17	6
18-20 LST	10	9	12	8	#	#	0	#	#	9	15	16	7
21-23 LST	11	10	13	10	#	0	0	#	#	9	14	16	7
ALL HOURS	11	10	13	8	#	#	0	#	#	9	13	16	7

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	2	0	0	0	0	0	0	0	#	#	#	#
03-05 LST	#	2	#	0	0	0	0	0	0	#	#	#	#
06-08 LST	#	1	0	#	#	0	#	0	#	#	#	#	#
09-11 LST	1	2	#	1	#	#	0	#	#	#	#	#	#
12-14 LST	1	2	1	1	#	0	#	#	#	1	0	#	1
15-17 LST	1	1	1	1	1	#	1	#	#	#	#	#	#
18-20 LST	1	#	1	#	#	0	0	3	0	#	#	#	#
21-23 LST	1	1	#	#	0	0	0	0	0	#	0	#	#
ALL HOURS	1	1	#	#	#	#	#	#	#	#	#	#	#

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 † - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8412, HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	3	7	4	1	3	6	4	3	6	6	5	4
03-05 LST	5	2	6	3	2	4	7	6	4	7	4	4	5
06-08 LST	6	4	9	5	1	3	6	6	5	9	5	6	5
09-11 LST	5	5	6	5	1	2	4	5	5	8	8	7	5
12-14 LST	5	5	5	3	1	1	2	2	3	8	10	7	4
15-17 LST	6	4	4	3	#	1	2	2	3	10	7	7	4
18-20 LST	6	4	5	6	#	1	3	2	3	8	7	6	4
21-23 LST	5	3	7	6	#	2	4	2	3	6	6	5	4
ALL HOURS	6	4	6	5	1	2	4	4	4	8	7	6	5

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	1	4	2	#	1	4	2	2	4	2	3	2
03-05 LST	2	1	4	3	1	2	4	4	2	3	2	3	3
06-08 LST	3	3	6	4	1	1	2	3	2	6	4	4	3
09-11 LST	4	4	4	4	#	0	2	3	2	6	7	4	3
12-14 LST	4	4	4	2	#	#	1	1	1	6	8	5	3
15-17 LST	4	3	2	2	#	0	1	1	1	5	5	5	2
18-20 LST	4	2	3	5	#	0	2	1	1	5	3	3	2
21-23 LST	4	2	4	4	#	#	3	1	2	4	3	3	2
ALL HOURS	3	2	4	3	#	1	2	2	2	5	4	4	3

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	1	3	2	#	#	2	1	1	4	2	2	2
03-05 LST	1	1	3	2	1	1	2	3	1	2	1	2	2
06-08 LST	2	2	4	4	1	#	#	2	1	5	3	2	2
09-11 LST	3	3	3	3	#	#	#	1	1	6	5	4	3
12-14 LST	4	3	3	1	#	0	0	#	#	4	7	4	2
15-17 LST	3	2	2	2	0	0	0	#	1	3	4	3	2
18-20 LST	3	2	2	3	0	0	1	0	1	3	2	2	2
21-23 LST	2	1	3	3	#	0	1	#	1	3	1	2	2
ALL HOURS	3	2	3	3	#	#	1	1	1	4	3	3	2

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	#	#	#	0	#	#	1	0	#	#
03-05 LST	0	0	0	#	1	#	0	1	#	#	0	#	#
06-08 LST	0	#	#	0	0	0	#	#	#	#	#	0	#
09-11 LST	0	0	#	0	0	0	0	0	0	#	1	#	#
12-14 LST	1	1	#	#	#	0	0	0	0	#	1	#	#
15-17 LST	0	#	0	#	0	0	0	#	0	#	#	#	#
18-20 LST	0	0	0	1	0	0	#	0	#	0	0	#	#
21-23 LST	#	#	0	#	0	0	0	0	#	1	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

PREPARED BY: USAFETAC JANUARY 1986				STATION NAME: TATALINA AFS AK LOCATION: N62 54 W155 50				PERIOD: JUL 52-NOV 84 ELEV: 966 FT				STN LTRG: PATL MNC NO: 702315																																																											
<b>AWS CLIMATIC BRIEF</b>												MEAN NUMBER OF DAYS OCCURRENCE OF																																																											
TEMPERATURE (°F) MONTHLY JAN: 5 -5 0 42 -45 FEB: 0 -4 2 47 -37 MAR: 22 8 15 51 8 APR: 37 21 29 64 -17 MAY: 54 30 46 79 104 JUN: 64 47 56 88 104 JUL: 64 51 58 88 37 AUG: 62 47 55 85 30 SEP: 50 38 45 74 16 OCT: 30 21 24 56 -15 NOV: 5 6 11 45 -31 DEC: -6 -1 8 41 -48 ANNUAL: 34 22 24 88 -85 EYE: 20 20 20 20 20												PRECIPITATION (IN) MONTHLY JAN: 1.0 12 32 8 FEB: 0.6 6 24 9 MAR: 0.7 10 27 11 APR: 0.8 9 29 10 MAY: 0.8 1 8 4 JUN: 0.9 0 3 2 JUL: 0.0 0 0 0 AUG: 0.0 0 0 0 SEP: 0.5 2 16 5 OCT: 0.8 12 31 10 NOV: 0.7 14 32 9 DEC: 0.9 15 42 12 ANNUAL: 1.8 84 82 12 EYE: 2.6 28 28 28												SNOWFALL (IN) MONTHLY JAN: 0.0 0 0 0 FEB: 0.0 0 0 0 MAR: 0.0 0 0 0 APR: 0.0 0 0 0 MAY: 0.0 0 0 0 JUN: 0.0 0 0 0 JUL: 0.0 0 0 0 AUG: 0.0 0 0 0 SEP: 0.0 0 0 0 OCT: 0.0 0 0 0 NOV: 0.0 0 0 0 DEC: 0.0 0 0 0 ANNUAL: 0.0 0 0 0 EYE: 0.0 0 0 0												RELATIVE HUMIDITY (%) MONTHLY JAN: 76 76 FEB: 75 73 MAR: 73 71 APR: 74 62 MAY: 71 54 JUN: 73 50 JUL: 81 66 AUG: 83 69 SEP: 84 72 OCT: 83 78 NOV: 82 81 DEC: 78 78 ANNUAL: 78 70 EYE: 8 8												SURFACE WINDS PLYG DIRECTION JAN: NE 3 37 FEB: NE 4 45 MAR: NE 4 48 APR: NE 4 34 MAY: SE 4 43 JUN: SE 4 44 JUL: SE 3 33 AUG: SE 3 33 SEP: SE 4 39 OCT: SE 3 36 NOV: SE 3 44 DEC: SE 3 45 ANNUAL: SE 3 44 EYE: SE 3 44												MEAN NUMBER OF DAYS OCCURRENCE OF PRECIP (IN) JAN: 8 8 8 8 FEB: 8 8 8 8 MAR: 8 8 8 8 APR: 8 8 8 8 MAY: 8 8 8 8 JUN: 8 8 8 8 JUL: 8 8 8 8 AUG: 8 8 8 8 SEP: 8 8 8 8 OCT: 8 8 8 8 NOV: 8 8 8 8 DEC: 8 8 8 8 ANNUAL: 8 8 8 8 EYE: 8 8 8 8											
REMARKS: RUSSKO FOR: HOURLY OBS: DEC 76 - NOV 84 SUMMARY OF DAY DATA: JUL 52 - NOV 84																																																																							
NOTE: * DATA NOT AVAILABLE												* INSTANTANEOUS PEAK WINDS																																																											
CAV PRES (%)												5% CALM GRTS % PLYG DIRECTION																																																											
CEILING LESS THAN 2000 FT												BASED ON < FULL MONTH																																																											
AND/OR VISIBILITY LESS THAN 3 MI																																																																							
ALL HRS																																																																							
CEILING LESS THAN 1000 FT																																																																							
AND/OR VISIBILITY LESS THAN 3 MI																																																																							
ALL HRS																																																																							
CEILING LESS THAN 500 FT																																																																							
AND/OR VISIBILITY LESS THAN 1/2 MI																																																																							
ALL HRS																																																																							



PREPARED BY USAFETAC JANUARY 1986			STATION NAME LOCATION		TIN CITY AFS AK N65 34 W167 55		PERIOD ELEV		JUL 53-NOV 84 269 FT		NMC LTRS: RSC NO:		PAGE 701170																						
AWS CLIMATIC BRIEF										MEAN NUMBER OF DAYS OCCURRENCE OF																									
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SHOWFALL (IN)				RELATIVE HUMIDITY (%)	VAPOR PRESSURE (IN HG)	DEW POINT (°F)	P R E C I P I T A T I O N (IN)	SURFACE WINDS				C C L O U D S (%)	PRECIP (IN)				SHOWFALL (IN)				TEMPERATURE (°F)					
	DAILY		MONTHLY		MONTHLY		MONTHLY		MONTHLY		MONTHLY						MONTHLY		MONTHLY			MONTHLY		MONTHLY		MONTHLY		MONTHLY		MONTHLY		MONTHLY			
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN					MAX	MIN	MAX	MIN		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	
	MEAN		EXTREME		MONTHLY		MONTHLY		MONTHLY		MONTHLY						MONTHLY		MONTHLY			MONTHLY		MONTHLY		MONTHLY		MONTHLY		MONTHLY		MONTHLY		MONTHLY	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN					MAX	MIN	MAX	MIN		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
JAN	7	-4	2	48	-378	0	3.3	8	1.7	7	26	68	74	77	-04	-1	1800	NNE	17	70	7	9	8	8	1	0	18	0	8	31	5				
FEB	-1	-11	-6	418	-44	0	3.3	8	1.2	5	30	7	73	72	-03	-10	1550	N	19	64	6	6	8	1	0	18	0	0	28	9					
MAR	4	-7	-2	36	-37	0	2.9	8	1.0	5	25	5	72	71	-05	-7	1200	N	20	58	6	7	8	1	0	17	0	0	31	5					
APR	15	5	10	47	-26	0	2.7	8	0.9	7	27	9	74	72	-05	-5	1200	NNE	17	55	7	9	8	9	1	0	21	0	4	30	8				
MAY	31	23	27	58	-6	0	3.1	8	0.6	3	21	8	83	82	-12	-22	950	NNE	15	44	8	8	8	6	1	0	24	8	2	28	0				
JUN	42	34	38	74	21	0	2.3	1	0.6	2	4	2	88	84	-20	-34	950	NNE	12	44	8	10	8	2	8	8	24	2	10	13	0				
JUL	50	42	46	76	31	2	6.0	8	2.0	8	2	2	89	84	-28	-43	850	NNE	12	48	8	13	1	8	8	8	26	7	23	8	0				
AUG	49	42	46	70	31	2	9.7	7	2.2	8	5	3	90	87	-28	-43	1000	NNE	12	46	9	16	1	8	8	8	23	5	26	8	0				
SEP	43	36	40	64	21	2	5.6	2	1.8	3	25	12	88	84	-21	-36	1250	NNE	13	55	9	17	1	4	8	8	17	1	11	8	0				
OCT	30	24	27	53	-4	1	4.2	1	0.9	14	32	8	85	85	-13	-24	1500	NNE	14	52	9	17	1	14	3	0	14	0	8	27	0				
NOV	19	10	15	43	-17	1	5.0	3	1.0	13	41	10	81	82	-07	-11	1650	NNE	17	67	8	15	8	14	3	0	15	0	0	30	0				
DEC	8	-2	3	40	-92	0	2.1	1	0.6																										

## AWS CLIMATIC BRIEF

UNALAKLET, ALASKA

PERIOD: 1948-70B

WBAN	✱	26627
WMO	✱	70207

WMO 70207

Prepared by ETAC ( JAN 1972 )

N 63 53 W 160 48

FIELD ELEVATION: 21 ft STN LTRS PAUN (UNK)

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)	MEAN				MEAN NUMBER OF DAYS												MEAN CLOUDS (TENTHS)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SHOWFALL IN 24 HOURS	MAX SHOWFALL IN 24 HOURS		PREVAILING DIRECTION	MEAN SPEED	EXTREME (MAX) SPEED (WIND)	RELATIVE HUMIDITY		DEW POINT (°F)	VAPOR PRESSURE (in)	PRESSURE ALTITUDE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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99.95%	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SHOWFALL ≥ 0.1	SHOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)				TEMPERATURE (°F)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

## REMARKS

<sup>1</sup> Means and Extremes from 1970 NOAA/EDS Local Climatological Data Annual were included.

<sup>a</sup> Refers to Highest Hourly Wind Speed Class Interval.

RUSSWO FOR: IRRLY OBS: 4807-4902, 4904-7012; DAILY OBS: 4807-4902, 4904-6403, 6707-7012.

NOTE: \*DATA NOT AVAILABLE. †LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)		HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	21	21	17	23	23	30	38	38	20	20	20	19	24	22	
	03-05	21	22	18	23	23	31	38	42	20	19	21	20	25	20	
	06-08	20	22	21	26	27	33	40	40	22	21	22	20	26	22	
	09-11	18	21	19	23	25	34	38	39	22	20	23	21	25	22	
	12-14	19	21	18	21	21	28	35	37	20	22	20	19	23	22	
	15-17	22	19	18	21	19	26	30	32	19	22	24	20	23	22	
	18-20	21	21	18	20	20	24	30	31	22	22	23	18	23	22	
	21-23	21	20	17	21	20	27	35	34	20	19	21	18	23	21	
	ALL HOURS	21	21	18	22	22	29	35	37	21	21	22	19	24		
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	14	14	10	14	15	20	19	13	4	7	9	10	12	22	
	03-05	14	14	9	13	17	20	22	18	5	7	9	10	13	20	
	06-08	13	15	11	15	18	22	24	20	6	9	10	10	14	22	
	09-11	12	14	10	14	15	19	22	16	5	8	12	11	13	22	
	12-14	13	14	10	11	10	18	19	12	4	8	10	10	12	22	
	15-17	14	12	11	10	10	16	16	10	4	8	13	11	11	22	
	18-20	14	12	12	10	10	16	15	11	5	8	11	9	11	22	
	21-23	15	11	10	12	11	18	17	14	5	6	10	9	12	21	
	ALL HOURS	14	13	10	12	13	19	19	14	5	8	10	10	12		
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	9	8	5	8	11	13	9	6	1	4	5	7	7	22	
	03-05	9	8	5	7	11	12	12	8	2	4	5	6	7	20	
	06-08	8	8	7	10	12	14	12	9	3	5	6	5	8	22	
	09-11	8	9	7	8	10	12	10	7	3	5	7	6	8	22	
	12-14	9	9	6	6	6	10	8	5	2	4	6	6	6	22	
	15-17	10	7	7	6	6	9	7	3	1	5	8	7	6	22	
	18-20	9	7	7	5	7	10	6	4	1	3	6	6	6	22	
	21-23	8	6	5	6	8	10	8	6	1	2	6	6	6	21	
	ALL HOURS	9	8	6	7	9	11	9	6	2	4	6	6	7		
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	2	1	1	2	2	2	1	#	#	#	1	2	1	22	
	03-05	2	2	#	1	2	2	#	#	#	#	1	1	1	20	
	06-08	2	2	1	1	1	1	#	0	#	#	1	1	1	22	
	09-11	2	2	1	1	1	1	#	#	#	#	2	1	1	22	
	12-14	1	2	2	1	#	#	#	#	0	#	1	1	1	22	
	15-17	1	2	3	1	1	#	#	#	#	#	1	1	1	22	
	18-20	1	2	2	1	2	1	#	#	#	#	1	2	1	22	
	21-23	2	2	1	1	2	2	#	#	#	#	1	2	1	21	
	ALL HOURS	2	2	1	1	1	1	1	#	#	#	1	1	1		

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: VALDEZ, AK  
LOCATION: 61°08'N, 146°21'W  
PREPARED BY: USAFETAC/ECR, APR 1987

STATION #: 702750  
ELEVATION (FEET): 33  
PERIOD: VARIED

ICAO ID: PAVD  
LST - GMT -9

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	46	51	51	61	73	73	85	81	73	56	50	52	85
MEAN DLY MAX	2	27	29	36	43	52	58	62	61	54	43	33	28	44
MEAN	2	22	24	30	37	45	51	55	54	47	38	28	23	38
MEAN DLY MIN	2	18	18	24	30	38	44	48	47	41	33	24	19	32
EXTREME MIN	2	-20	-3	-6	5	21	31	33	32	25	8	5	-6	-20
# DAYS > 90	2	0	0	0	0	#	1	3	3	#	0	0	0	7
# DAYS ≥ 32	2	29	28	30	20	1	#	0	#	2	12	28	30	180
# DAYS ≤ 0	2	2	#	#	0	0	0	0	0	0	0	0	1	3
2. PRECIPITATION (INCHES)														
MAXIMUM	2	12.5	9.6	10.0	8.1	4.7	4.6	9.0	18.2	16.7	15.4	20.6	16.9	20.6
MEAN	2	6.0	4.8	4.2	3.8	2.3	2.7	4.1	6.1	8.7	9.4	5.9	6.2	64.1
MINIMUM	2	.01	1.0	0.8	0.6	0.7	0.9	1.4	2.2	2.8	3.8	0.4	1.3	.01
MAX 24 HR	2	3.8	2.3	2.2	1.4	1.0	1.5	2.0	3.4	3.3	4.0	2.1	3.1	4.0
# DAYS > 0.01		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS ≥ 0.5		#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOW/ICE PELLETS (INCHES)														
MEAN	2	48.9	51.4	52.2	24.4	0.7	0	0	0	#	13.0	35.7	64.2	290.4
MAXIMUM	2	96.1	100.8	113.9	71.4	5.8	#	#	#	#	39.0	75.6	105.5	113.9
MAX 24 HR	2	19.9	27.5	32.3	15.7	5.8	#	#	#	#	15.3	19.9	29.2	32.3
# DAYS > 0.1		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS ≥ 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (03 LST)	1	79	78	81	83	89	92	95	93	91	83	79	74	85
RH (14 LST)	1	75	71	67	63	63	65	72	71	73	74	72	73	70
VAPOR PRESS	1	.11	.11	.14	.17	.24	.31	.36	.35	.28	.20	.13	.10	.21
DEWPOINT	1	17	19	24	29	38	45	49	48	42	32	22	15	32
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN		\$ENE	\$ENE	\$ENE	\$ENE	\$W	\$W	\$SW	\$SW	\$SW	\$ENE	ENE	\$ENE	\$ENE
MEAN SPEED														
(PVLG DRCTN)	1	10	10	8	6	7	8	6	5	5	7	9	9	8
MEAN SPEED														
(ALL OBS)	1	6	7	4	4	5	5	4	4	4	5	6	7	5
MAX (PK GST)	1	71	64	46	42	25	27	26	44	40	53	67	70	71
PRESSURE ALT	1	1300	1300	1100	850	700	450	400	800	1000	1300	1350	1450	1450
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	5	5	6	6	6	5	6	6	5	5	5
DAYS TSTMS	1	0	0	#	0	0	#	#	#	#	#	0	#	#
DAYS FOG < 7	1	9	9	8	9	4	7	13	14	11	12	9	7	111
DAYS BNBD < 7	1	#	0	0	0	0	0	0	0	0	#	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8412, HRLY  
 2. NATIONAL CLIMATIC DATA CENTER SUMMARY POR 14 YRS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	33	36	28	24	18	21	33	36	22	28	27	27	28
03-05 LST	32	34	30	22	25	26	38	38	24	29	30	28	30
06-08 LST	31	32	26	24	23	24	37	33	19	23	28	28	27
09-11 LST	27	26	24	20	17	17	24	22	13	21	24	27	22
12-14 LST	28	28	23	21	13	13	17	16	11	23	24	26	20
15-17 LST	30	27	24	20	11	11	15	13	11	22	23	29	19
18-20 LST	32	30	26	18	11	10	20	16	16	25	24	29	21
21-23 LST	30	35	27	20	16	12	26	28	15	28	26	27	24
ALL HOURS	30	31	26	21	17	17	26	25	16	25	26	28	24

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	29	23	20	11	13	28	29	16	20	21	23	21
03-05 LST	23	28	25	19	13	14	34	33	19	20	24	23	23
06-08 LST	22	26	22	19	14	14	28	29	15	15	21	24	21
09-11 LST	20	21	21	15	7	5	15	17	10	13	17	21	15
12-14 LST	22	23	19	13	4	4	9	10	8	12	17	23	14
15-17 LST	23	23	19	14	4	3	8	8	6	11	17	23	13
18-20 LST	23	26	20	14	4	4	14	11	9	17	18	23	15
21-23 LST	23	28	23	16	9	6	20	22	11	22	22	23	19
ALL HOURS	23	26	21	16	8	8	19	20	12	16	20	23	18

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	21	17	11	4	7	19	22	10	9	15	16	14
03-05 LST	14	19	19	12	6	6	26	23	13	10	17	15	15
06-08 LST	13	18	16	13	7	8	21	21	10	8	14	17	14
09-11 LST	14	14	13	10	3	2	10	11	6	7	12	14	10
12-14 LST	16	15	11	8	2	1	4	6	4	6	11	15	9
15-17 LST	14	17	11	8	1	1	3	5	3	5	11	16	8
18-20 LST	13	18	13	10	2	2	7	8	5	7	12	15	9
21-23 LST	15	18	16	9	4	3	13	16	6	11	16	14	12
ALL HOURS	14	17	15	10	4	4	13	14	7	8	13	15	11

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	3	1	0	#	5	8	2	1	3	4	3
03-05 LST	1	4	2	1	#	1	8	9	5	1	4	4	3
06-08 LST	2	4	3	2	1	1	6	7	4	1	4	4	3
09-11 LST	1	4	2	1	0	#	1	1	1	1	2	4	2
12-14 LST	2	3	2	1	0	0	#	#	1	1	2	4	1
15-17 LST	2	2	2	1	#	#	#	#	#	1	2	4	1
18-20 LST	2	4	2	1	0	0	2	2	1	#	2	4	2
21-23 LST	1	4	3	1	0	0	4	5	2	1	1	2	2
ALL HOURS	2	3	2	1	#	#	3	4	2	1	2	4	2

# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: VALDEZ, AK  
LOCATION: 61°08'N, 146°21'W  
PREPARED BY: USAFETAC/ECR, APR 1987

STATION #: 702750  
ELEVATION (FEET): 33  
PERIOD: 7301-8412, HRLY

ICAO ID:  
LST - GMT

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	#	0	0	#
03-05 LST	0	0	0	0	0	#	0	0	0	0	0	0	#
06-08 LST	0	0	#	0	0	0	0	#	0	#	0	0	#
09-11 LST	0	0	#	0	0	0	0	#	0	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	#	0	0	0	0	#
15-17 LST	0	0	0	0	0	0	0	0	#	0	0	#	#
18-20 LST	0	0	0	0	0	#	0	0	0	0	0	0	#
21-23 LST	0	0	0	0	0	0	#	0	0	#	0	0	#
ALL HOURS	0	0	#	0	0	#	#	#	#	#	0	#	#

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	8	8	15	26	26	34	31	35	35	10	5	20
03-05 LST	13	9	5	12	26	25	34	31	35	33	9	4	20
06-08 LST	11	7	3	11	22	27	28	28	31	31	9	4	18
09-11 LST	12	7	4	11	18	23	24	24	30	34	10	4	17
12-14 LST	12	7	6	13	19	22	23	25	36	33	11	5	18
15-17 LST	13	9	9	12	22	21	26	28	36	34	11	6	19
18-20 LST	14	8	8	14	23	23	28	27	35	36	13	5	20
21-23 LST	13	7	7	16	27	24	33	30	34	37	11	5	20
ALL HOURS	13	8	6	13	23	24	29	28	34	34	10	5	19

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	25	21	13	#	0	0	0	0	5	18	22	10
03-05 LST	18	23	22	12	1	0	#	0	#	7	20	23	11
06-08 LST	19	23	21	13	1	0	0	0	0	6	19	26	11
09-11 LST	19	23	23	12	0	0	0	0	0	7	17	25	11
12-14 LST	22	24	20	12	#	#	0	0	#	7	19	26	11
15-17 LST	17	23	20	11	#	0	0	0	0	6	17	24	10
18-20 LST	18	24	19	10	#	0	0	0	0	5	16	21	9
21-23 LST	18	26	21	10	0	0	0	0	0	5	19	23	10
ALL HOURS	19	24	21	12	#	#	#	0	#	6	18	24	10

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	7	2	1	#	0	0	1	2	2	2	6	2
03-05 LST	6	9	2	2	0	0	0	1	1	3	2	5	3
06-08 LST	6	7	2	2	#	0	0	#	1	4	2	5	2
09-11 LST	8	8	3	2	#	0	#	1	1	5	3	6	3
12-14 LST	7	7	2	1	#	#	#	#	1	4	4	6	3
15-17 LST	7	7	3	1	#	#	#	#	1	4	4	6	3
18-20 LST	7	8	2	1	#	0	#	#	1	4	2	5	3
21-23 LST	7	10	1	1	0	#	0	#	2	3	2	7	3
ALL HOURS	7	8	2	1	#	#	#	#	1	4	3	6	3

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8412 HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	18	13	8	2	5	17	20	8	6	13	12	11
03-05 LST	11	16	15	8	4	5	25	21	11	7	15	11	12
06-08 LST	11	14	15	12	4	6	20	20	10	7	12	15	12
09-11 LST	12	13	12	8	1	1	9	10	6	6	10	14	8
12-14 LST	15	14	10	6	1	1	4	6	4	5	10	15	8
15-17 LST	12	15	10	6	1	#	2	5	3	4	10	15	7
18-20 LST	10	15	12	7	1	1	7	7	4	5	10	13	8
21-23 LST	11	15	12	6	2	2	11	14	5	6	12	13	9
ALL HOURS	12	15	12	8	2	3	12	13	6	6	11	14	9

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	13	10	3	1	3	14	16	6	5	10	10	8
03-05 LST	8	12	9	6	2	4	21	18	8	5	11	8	9
06-08 LST	8	11	12	9	2	4	16	16	9	6	9	11	9
09-11 LST	9	10	10	5	1	1	6	7	4	5	8	12	6
12-14 LST	11	11	8	5	#	0	2	3	2	4	8	12	6
15-17 LST	9	11	8	5	#	#	2	3	2	3	7	13	5
18-20 LST	7	11	9	4	#	1	6	7	3	3	6	11	6
21-23 LST	7	11	11	4	#	1	9	11	4	4	7	11	7
ALL HOURS	8	11	10	5	1	2	9	10	5	4	8	11	7

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	10	8	3	#	1	10	13	5	3	7	8	6
03-05 LST	5	8	8	4	1	2	16	15	8	3	7	7	7
06-08 LST	5	8	10	7	1	1	12	13	7	3	7	9	7
09-11 LST	7	8	7	4	#	#	3	5	3	3	7	10	5
12-14 LST	8	9	6	4	#	0	1	2	2	3	7	10	4
15-17 LST	7	8	7	3	#	#	1	2	1	2	6	10	4
18-20 LST	6	8	8	3	0	0	4	5	2	2	4	9	4
21-23 LST	6	9	9	3	#	#	6	10	3	2	4	8	5
ALL HOURS	6	8	8	4	#	1	7	8	4	3	6	9	5

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	2	#	0	0	0	2	2	1	#	1	#	1
03-05 LST	1	2	#	#	0	#	3	4	2	#	2	#	1
06-08 LST	1	1	#	1	0	#	1	2	2	#	1	1	1
09-11 LST	#	1	1	0	0	#	#	#	#	#	1	1	#
12-14 LST	#	1	1	0	0	0	0	#	#	#	#	1	#
15-17 LST	#	0	#	0	#	#	0	0	0	#	#	1	#
18-20 LST	1	2	#	#	0	0	1	#	0	#	1	1	#
21-23 LST	#	2	1	#	0	0	1	1	#	1	1	#	1
ALL HOURS	#	1	1	#	#	#	1	1	1	#	1	1	1

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: WAINWRIGHT, ALASKA  
LOCATION: 70 37'N 159 51'W  
PREPARED BY: USAFETAC/ECR, JAN 1987

STATION #: 700300  
ELEVATION (FEET): 30  
PERIOD: VARIED

ICAO ID: AIN  
LST - GMT: -8

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	3	32	34	34	43	43	69	80	76	60	43	37	31	80
MEAN DLY MAX	1	-8	-14	-12	2	24	42	50	48	36	17	3	-9	15
MEAN	1	-12	-18	-17	-4	20	38	45	43	33	14	-1	-14	11
MEAN DLY MIN	1	-17	-22	-21	-9	16	34	41	40	30	11	-5	-18	7
EXTREME MIN	3	-50	-54	-47	-40	-16	15	23	21	2	-16	-46	-50	-54
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32	1	31	28	31	30	30	14	4	6	20	30	30	31	285
# DAYS < 0	1	26	25	30	23	2	0	0	0	0	7	21	27	161
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	3	.14	.08	.10	.21	.14	.27	.93	1.40	.58	.81	.21	.09	5.0
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	3	1	1	#	1	#	1	2	3	2	2	1	1	15
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (22 LST)	1	75	72	71	75	85	91	92	93	92	83	77	73	82
RH (10 LST)	1	75	73	71	77	86	84	79	82	87	83	75	73	79
VAPOR PRESS	1	.03	.03	.03	.04	.11	.21	.27	.26	.18	.10	.05	.03	.11
DEWPOINT		*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN SPEED		*	*	*	*	*	*	*	*	*	*	*	*	*
(PVLG DRCTN)	1	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN SPEED		*	*	*	*	*	*	*	*	*	*	*	*	*
(ALL OBS)	1	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	950	950	650	550	500	500	550	750	750	750	900	950	950
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS TSMTS	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7	1	9	6	10	7	12	10	10	12	10	6	8	9	109
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8512 6 HRLY  
 2.  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARY 16 YR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	23	23	33	68	60	50	68	70	64	44	33	48
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	40	28	36	39	67	66	52	71	78	65	40	37	53
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	47	36	33	34	63	49	42	57	71	63	52	39	49
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	33	27	27	27	63	48	40	60	74	63	44	35	45
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	31	18	20	29	63	53	42	58	61	48	39	25	41
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	33	23	32	31	58	55	44	63	67	52	33	29	35
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	42	31	30	29	57	39	33	45	61	49	45	33	41
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	29	229	25	21	56	38	30	48	65	48	39	27	37
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	11	13	17	40	35	30	38	32	21	17	15	24
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	21	12	25	20	38	39	32	47	44	25	16	17	26
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	28	20	26	20	29	20	21	25	36	27	27	24	25
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	19	13	18	13	27	20	20	34	40	23	23	15	22
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	2	6	5	6	8	9	12	6	2	6	6	6
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	9	4	11	9	6	4	6	10	8	3	5	7	7
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	10	9	10	9	3	1	1	1	1	4	10	8	6
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	7	5	9	5	3	3	2	5	5	3	9	6	5
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*



# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: WAINWRIGHT, ALASKA  
LOCATION: 70 37'N 159 51'W  
PREPARED BY: USAFETAC/ECR, JAN 1987

STATION #: 700300  
ELEVATION (FEET): 30  
PERIOD: 7301-8512 6 HRLY

ICAO ID: AIN  
LST - GMT: -8

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 † - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8512 6 HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	10	13	15	36	33	29	33	29	17	16	15	22
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	20	12	25	19	32	35	29	41	40	21	14	16	25
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	26	20	25	20	24	19	18	20	31	25	25	21	23
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	18	12	18	13	25	18	19	28	36	21	22	15	20
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	8	12	13	23	22	23	25	20	11	13	13	17
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	18	10	24	16	24	20	21	28	27	12	13	13	19
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	23	18	24	18	15	9	12	10	15	16	20	17	17
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	16	11	16	11	14	9	11	15	20	10	18	13	14
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	5	8	10	13	13	15	16	10	6	9	9	11
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	12	6	17	13	14	9	11	18	16	6	9	9	12
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	17	13	17	14	8	4	3	4	5	8	17	13	10
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	11	7	13	9	7	5	4	6	10	6	13	8	8
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	4	3	1	6	6	7	2	1	4	3	4
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	6	2	5	6	3	2	2	6	5	1	2	5	4
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	7	4	7	5	1	#	#	#	#	3	6	5	3
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	4	2	5	3	1	1	1	3	2	1	5	4	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

PREPARED BY: USAFETAC SEPTEMBER 1977				STATION NAME : CALGARY INTL ARPT, ALBERTA LOCATION : NSI 06 W114 01				PERIOD : 1881-1976 ELEV : 3557'				STN LTGS : CYC USAN NO : WMO NO : 12677																			
AWS CLIMATIC BRIEF												MEAN NUMBER OF DAYS OCCURRENCE OF																			
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SHOWFALL (IN)				RELATIVE HUMIDITY (%)	VAPOR PRESSURE (IN HG)	DEW PT (°F)	P ALTITUDE (FT)	SURFACE WINDS				PRECIP (IN)	SHOWFALL (IN)	T INSTANTANEOUS	POSSIBLE DAYS	TEMPERATURE (°F)						
	MEAN				MONTHLY				MONTHLY								PVLG ORCTN								MAX						
	DAILY				MAX				MAX								MEAN								MAX						
	MAX	MIN	THLY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX					04	13	IN HG	(°F)					IN PT	MEAN (KTS)	MAX (KTS)	0.1	0.5	1.0	1.5
JAN	22	1	11	6.1	-4.8	0.7	4.7	0.1	1.0	7	17	10	74	68	0.06	6	4450	W	9	69	6	9	1	0	4	0	0	25	6		
FEB	29	8	19	6.6	-4.3	0.8	1.5	0.1	1.1	8	19	11	76	66	0.07	11	4400	W	9	66	7	10	1	1	8	2	0	0	21	3	
MAR	34	14	24	7.3	-1.5	0.8	1.5	0.2	1.0	2	24	10	77	61	0.09	16	4400	S	9	62	6	11	1	1	2	0	0	20	2		
APR	49	27	38	8.5	-2.2	1.2	3.0	0.5	1.0	10	25	18	75	49	0.14	25	4300	NNW	10	63	7	9	1	1	8	2	0	8	10	0	
MAY	61	37	43	9.0	2	2.0	2.8	0.6	2.6	4	32	19	74	44	0.19	33	4200	NNW	10	65	6	11	1	1	1	1	0	8	1	0	
JUN	67	44	54	9.5	2.6	3.6	6.3	0.6	3.1	1	38	10	77	47	0.27	42	4050	NNW	10	53	6	14	2	1	0	6	2	8	1	0	
JUL	74	49	62	9.7	3.1	2.7	5.1	0.3	3.8	0	4	8	78	45	0.32	47	3900	NNW	8	66	5	11	2	0	0	8	1	1	3	0	0
AUG	72	47	59	9.6	2.9	2.2	9.4	0.3	3.2	0	4	2	78	46	0.30	45	4000	NNW	8	59	5	12	1	0	0	5	1	8	2	0	0
SEP	63	39	51	9.2	1.4	2.4	0.1	2.7	3	12	9	77	48	0.22	37	4100	NNW	9	54	6	8	1	2	1	1	1	0	1	2	0	
OCT	54	30	42	8.5	-0.7	2.4	0	1.8	5	19	12	69	47	0.15	28	4300	W	10	53	6	8	1	1	0	2	0	8	7	0	0	
NOV	38	17	27	7.1	-3.1	0.6	1.5	0.1	1.4	7	27	14	75	63	0.10	17	4450	W	9	61	6	7	1	0	0	4	0	3	19	1	
DEC	29	18	18	6.7	-4.5	0.6	1.5	0	0.9	7	22	9	73	65	0.07	11	4450	W	9	60	6	8	0	7	1	0	3	0	22	4	
ANN	44	27	38	9.7	-4.9	1.7	3.4	0	1.8	61	12	13	75	54	0.15	27	4300	NNW	9	69	5	11.6	7	61	9	21	25	1	7	127	16
EVN	37	17	30	9.3	9.3	30	20	20	9.3	30	9.3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
REMARKS : Data from a wide variety of sources and POR.																															
NOTE * DATA NOT AVAILABLE    # AMTS < UNITS SHOWN IN HEADING    ** INSTANTANEOUS PEAK WINDS    S % CALM GSTR % PVLG ORCTN    3 BASED ON < FULL MONTHS																															
CAY PREC (%)		MS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVN															
CEILING LESS THAN 300 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	17	20	20	17	13	8	5	6	10	11	19	12	13	13																
	03-05	18	19	21	18	14	11	5	8	10	11	16	13	14	14																
	06-08	18	18	21	20	16	13	7	9	12	13	18	13	15	15																
	09-11	18	18	20	21	19	15	8	11	16	14	19	14	16	16																
	12-14	14	14	17	19	16	13	7	10	15	12	16	20	14	14																
	15-17	14	15	15	15	13	9	3	6	9	10	17	9	11	11																
	18-20	15	17	15	13	9	7	2	4	7	10	19	10	11	11																
	21-23	15	21	20	15	11	7	3	4	8	10	20	14	12	12																
ALL HRS		16	18	19	17	14	11	5	7	11	11	18	12	13	10																
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	12	15	14	13	8	5	2	3	7	8	16	9	9																	
	03-05	12	14	15	15	9	8	3	5	7	8	13	8	10																	
	06-08	14	14	17	17	12	10	5	6	9	8	14	8	21																	
	09-11	15	16	17	15	14	10	4	6	12	10	15	10	12																	
	12-14	11	12	11	10	8	6	2	4	8	8	14	6	8																	
	15-17	10	12	8	9	5	4	1	3	4	7	14	6	7																	
	18-20	11	14	10	8	3	4	1	2	3	6	15	7	7																	
	21-23	11	15	15	11	5	4	1	2	4	7	17	10	9																	
ALL HRS		12	14	14	12	9	6	2	4	7	8	15	8	9	10																
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	00-02	9	13	12	9	5	3	1	2	5	7	10	6	7																	
	03-05	9	11	12	11	7	5	2	4	5	6	10	5	7																	
	06-08	9	11	12	14	10	8	3	5	7	7	11	5	9																	
	09-11	11	10	11	10	8	7	3	4	7	8	12	6	8																	
	12-14	4	9	7	7	4	3	1	2	4	5	9	3	5																	
	15-17	7	9	6	6	4	2	1	1	2	5	10	3	5																	
	18-20	7	9	6	6	4	2	1	1	2	5	11	3	5																	
	21-23	7	11	10	7	7	2	1	1	2	4	10	3	5																	
ALL HRS		8	10	10	9	5	4	2	3	4	6	11	5	6	13																
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	2	4	4	2	1	1	0	1	1	1	3	1	1																	
	03-05	2	4	4	1	1	1	0	1	1	1	3	1	2																	
	06-08	1	3	4	4	1	1	0	1	1	1	2	1	2																	
	09-11	1	2	1	1	0	0	0	1	1	1	2	1	1																	
	12-14	0	1	1	1	0	0	0	0	0	0	1	0	1																	
	15-17	1	1	1	1	0	0	0	0	0	0	1	0	1																	
	18-20	1	1	1	1	0	0	0	0	0	0	1	0	1																	
	21-23	1	1	2	1	1	0	0	0	0	0	1	1	1																	
ALL HRS		1	2	2	2	1	1	0	1	1	1	3	1	1																	

A W S CLIMATIC BRIEF  L I M I T E D  July 1988	Station Name: COLD LAKE APRT CANADA		Field Elev: 1,775 ft											
	Latitude/Longitude: N54 25 W110 17		Station MSC: 711200											
	Hourly Obs POR: Jul 76 to Jun 86		Call Sign: CYOD											
	Summary of Day POR: None													
	Hours Summarized: all													
	LST - GMT + 7		Supersedes: Mar 1983											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
MEAN MAX TEMP °F	7	18	29	48	62	69	73	70	60	50	29	14	44	35
MEAN TEMP °F	-2	8	18	37	51	58	62	60	50	40	21	6	34	35
MEAN MIN TEMP °F	-11	-3	8	27	39	47	52	49	39	30	13	-2	24	35
VAPOR PRESS IN Hg	.04	.05	.08	.13	.20	.30	.39	.36	.25	.16	.08	.04	.14	10
MEAN DEW POINT °F	-4	1	14	24	35	45	52	50	40	29	13	-2	25	10
99.95% WCPA Ft	2600	2600	2500	2550	2500	2400	2300	2350	2450	2600	2650	2750	2550	10
MEAN RH 08 LST %	73	74	78	70	70	76	81	85	86	80	81	76	75	10
MEAN RH 13 LST %	69	63	59	45	45	50	54	55	59	56	70	72	58	10
MEAN WND DRCTN	W	E	E	E	E	W	W	W	W	W	W	W	W	10
MEAN WND SPD Kts	5	5	6	7	7	7	6	6	6	7	5	5	6	10
HI WND SPD** Kts	66	72	70	62	62	64	75	60	61	67	56	65	75	35
NEG CEILING %	49	53	51	56	53	55	58	59	47	53	45	44	52	10
<b>SUPPLEMENTAL SUMMARY OF DAY DATA SECTION.</b> The data in this section was developed by supplementing the hourly observations from this station with data from the following sources: Wernstedt, Frederick, <u>World Climatic Data</u> , Climatic Data Press, 1972; <u>World Survey of Climatology</u> , Vol 11, Ed. by H.E. Landsberg, 1976; USAFETAC, <u>Worldwide Airfield Climatic Data</u> , Vol IV, 1967; Canadian Atmospheric Environment Service, <u>Principal Station Data, Cold Lake</u> , 1984. This section does not provide true means and extremes as for a 24-hour, 7-day, station; the data should therefore be considered "informational" and used with extreme caution.														
XTRM MAX TEMP °F	51	54	62	85	90	96	97	91	91	81	66	50	97	35
XTRM MIN TEMP °F	-55	-45	-42	-30	18	26	32	30	15	-10	-34	-45	-55	35
24HR MAX PRECIP "	.4	.1	.3	1.0	1.3	3.7	1.7	1.7	1.8	1.6	.2	.2	3.7	30
MEAN PRECIP "	.9	.6	.8	.9	1.5	2.8	3.3	3.0	1.8	.7	.8	1.0	18.1	30
MAX 24HR SNFL "	8.2	5.3	9.4	7.0	10.5	#	0	#	4.7	7.4	12.0	6.2	12.0	30
MEAN SNFL "	9.4	7.1	8.3	5.0	1.2	#	0	0	1.0	2.8	8.4	10.0	53.0	35
D/W TSTORMS	0	0	0	#	2	4	8	6	1	#	0	0	21	35
D/W FOG VSBY <7mi	7	5	4	4	6	5	9	7	9	4	7	7	74	35
D/W MEAS PRECIP	12	10	10	7	10	12	14	13	11	7	9	12	127	35
<b>Legend:</b> ANN - Annual      YOR - Years of record      POR - Period of record D/W - Mean number of days with...      WCPA - "Worst case" (maximum) pressure altitude # - Based on less than full months      # - Less than 0.5 day, 0.05 inch, or 0.5%, as applicable. ** - Instantaneous peak winds * - Data not available      \$ - Percentage of <u>calm</u> winds > mean direction														
REMARKS:	1. This is a "limited" Climatic Brief because summary of day data for Cold Lake is not received at, nor available to, USAFETAC's CL-A.													

A W S  
CLIMATIC BRIEF  
L I M I T E D  
July 1988

Station Name: COLD LAKE APRT CANADA  
Latitude/Longitude: N54 25 W110 17  
Hourly Obs POR: Jul 76 to Jun 86  
Summary of Day POR: None  
Hours Summarized: All  
LST = GMT + 7

Field Elev: 1,775  
Station MSC: 711200  
Call Sign: CYOD

Supersedes: Mar 1983

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VISBY	00-05	25	21	19	12	12	8	10	10	19	16	32	27	17	10
	06-08	27	26	23	15	19	13	15	13	27	19	36	28	22	10
	09-11	27	25	20	15	18	13	16	15	19	21	32	31	22	10
	12-14	24	16	16	13	13	9	11	10	24	16	31	25	17	10
3000/3	15-17	18	13	12	9	10	5	5	7	16	11	30	23	13	10
	18-23	22	14	12	8	6	3	5	5	14	11	30	25	13	10
CIG/VISBY	00-05	17	12	12	6	3	5	7	14	12	8	23	18	12	10
	06-08	20	19	16	10	14	9	10	10	19	9	26	20	15	10
	09-11	20	17	12	9	11	4	3	9	17	10	23	22	14	10
	12-14	15	9	7	7	6	2	3	4	11	7	21	19	9	10
1500/3	15-17	12	5	6	4	4	1	1	2	7	6	19	14	7	10
	18-23	13	6	7	6	4	1	2	2	7	4	18	16	7	10
CIG/VISBY	00-05	12	8	7	6	5	3	5	5	8	5	16	10	7	10
	06-08	14	14	10	7	8	4	6	7	14	6	19	13	10	10
	09-11	15	12	7	6	6	2	4	5	12	6	16	15	9	10
	12-14	9	5	4	5	3	1	1	2	6	4	14	10	5	10
1000/2	15-17	6	3	3	3	2	#	1	2	3	3	13	8	4	10
	18-23	8	3	5	4	2	1	1	2	3	2	13	10	5	10
CIG/VISBY	00-05	2	1	1	1	1	1	1	1	2	1	4	1	1	10
	06-08	2	2	2	1	1	1	1	1	3	2	3	2	2	10
	09-11	2	2	#	#	0	0	0	0	1	1	1	2	1	10
	12-14	1	0	0	#	#	0	0	0	0	#	1	1	#	10
200/1/2	15-17	#	0	0	#	#	0	0	0	0	#	#	1	#	10
	18-23	1	1	#	#	0	0	0	0	0	#	1	#	#	10

A W S CLIMATIC BRIEF  L I M I T E D  June 1986		Station Name: EDMONTON IAP, CANADA Latitude/Longitude: N53 19 W113 35 Hourly Obs POR: Jul 75 to Jun 86 Summary of Day POR: None Hours Summarized: All LST - GMT -7		Elevation: 2,373 ft Station MSC: 711230 Call Sign: CYESG  Supersedes: Dec 1981										
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
MEAN MAX TEMP °F	17	22	32	49	62	68	72	70	61	51	31	20	46	35
MEAN TEMP °F	7	13	23	39	51	58	62	59	50	41	23	12	36	35
MEAN MIN TEMP °F	-3	-4	15	29	40	47	51	49	40	30	15	4	27	35
VAPOR PRESS IN Hg	.05	.06	.10	.14	.20	.30	.39	.35	.26	.16	.08	.05	.15	11
MEAN DEW POINT °F	3	6	18	26	35	45	52	49	41	29	14	3	27	11
99.95% WCPA Ft	3200	3250	3150	3100	3050	2950	2850	2850	3000	3150	3300	3350	3100	11
MEAN RH 08 LST %	72	74	79	73	69	76	83	88	88	81	78	73	78	11
MEAN RH 13 LST %	69	68	65	46	44	51	58	59	59	55	65	70	59	11
MEAN WND DRCTN	S	S	S	S	SE	W	W	W	S	S	S	S	S	11
MEAN WND SPD Kts	7	6	7	8	8	7	6	6	6	7	6	7	7	11
HI WND SPD** Kts	71	65	58	56	64	72	67	68	72	70	62	61	72	30
NEG CEILING %	48	49	51	58	51	54	59	58	51	54	49	47	45	11
<b>SUPPLEMENTAL SUMMARY OF DAY DATA SECTION.</b> The data in this section was developed by supplementing the hourly observations from this station with data from other sources. This section does <u>not</u> provide true means and extremes as for a 24-hour, 7-day station; the data should therefore be considered "informational" and used with extreme caution.														
XTRM MAX TEMP °F	53	57	69	88	90	94	94	92	93	83	71	61	94	35
XTRM MIN TEMP °F	-49	-51	-33	-19	10	30	33	30	11	-15	-29	-55	-55	35
24HR MAX PRECIP "	2.5	2.3	3.3	3.5	7.7	8.5	11	6.4	4.3	3.6	3.6	3.2	60	30
MEAN PRECIP "	1.0	.7	.7	.9	1.7	3.0	3.5	3.1	1.5	.7	.6	1.0	18	35
MEAN SNFL "	11	8.4	7.4	5.2	1.2	#	0	0	1.0	3.0	6.1	11	54	30
D/W TSTORMS	0	0	0	#	2	5	8	6	1	#	#	0	22	30
D/W FOG VSBY <7mi	7	6	7	4	5	5	6	7	6	4	8	6	71	11
D/W MEAS PRECIP	13	9	11	7	11	13	13	13	11	6	8	12	124	30
<b>Legend:</b> ANN = Annual      YOR = Years of record      POR = Period of record D/W = Mean number of days with...      WCPA = "Worst case" (maximum) pressure altitude @ = Based on less than full months      # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable. ** = Instantaneous peak winds * = Data not available      \$ = Percentage of <u>calm</u> winds > mean direction														
<b>REMARKS</b> 1. This is a "limited" Climatic Brief because summary of day data for Edmonton is neither received at nor available to USAFETAC'S OL-A.														

AWS  
CLIMATIC BRIEF  
LIMITED  
June 1986

Station Name: EDMONTON IAP, CANADA  
Latitude/Longitude: N53 19 W113 35  
Hourly Obs POR: Jul 75 to Jun 86  
Summary of Day POR: None  
Hours Summarized: All  
LST - GMT -7

Elevation: 2,373 ft  
Station MSC: 711230  
Call Sign: CTEG

Supersedes: Dec 1981

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	00-05	19	20	19	11	11	10	12	11	17	14	24	20	16	11
	06-08	23	21	21	13	13	13	13	14	20	14	22	19	17	11
LESS THAN	09-11	24	20	22	15	17	16	15	15	25	15	22	23	19	11
	12-14	18	16	19	14	13	12	14	14	23	13	21	19	16	11
3000/3	15-17	16	15	15	11	10	7	10	8	16	10	20	19	13	11
	18-23	17	17	17	10	8	7	6	6	13	9	21	19	13	11
CIG/VSBY	00-05	11	11	12	7	7	6	8	7	10	9	16	12	10	11
	06-08	15	12	15	9	8	8	9	10	14	5	15	12	11	11
LESS THAN	09-11	17	14	16	10	9	7	9	9	16	9	17	16	12	11
	12-14	12	10	12	6	7	2	6	4	9	7	15	14	9	11
1500/3	15-17	11	10	8	5	5	2	4	2	5	4	14	13	7	11
	18-23	10	10	8	6	6	3	4	2	5	6	14	11	7	11
CIG/VSBY	00-05	7	7	7	5	5	3	5	5	6	6	12	9	7	11
	06-08	11	8	12	7	6	5	6	7	12	7	12	7	8	11
LESS THAN	09-11	13	9	11	7	5	3	5	5	12	7	13	10	8	11
	12-14	7	6	8	4	5	1	3	2	5	4	10	8	5	11
1000/2	15-17	6	5	4	3	4	1	2	1	3	2	9	8	4	11
	18-23	5	6	4	4	4	2	3	1	4	4	11	7	5	11
CIG/VSBY	00-05	1	2	1	1	1	0	#	1	1	1	4	1	1	11
	06-08	1	2	2	#	#	0	1	2	2	2	4	1	1	11
LESS THAN	09-11	1	1	1	#	#	0	0	0	#	1	3	1	1	11
	02-14	#	0	0	#	0	0	0	0	0	#	1	0	1	11
200/1/2	15-17	#	0	#	0	0	0	0	#	0	0	2	#	1	11
	18-23	1	1	1	#	0	0	0	0	0	#	3	1	1	11

PREPARED BY USAFETAC November 1977				STATION NAME LOCATION				VANCOUVER IAP, BRITISH COLUMBIA N49 11 W123 10				PERIOD: 1945-19 ELEV: 2'				STN LTRS WBAN NO WMO NO																																																																																																																																																																																																																																																																																																																																																																													
AWS CLIMATIC BRIEF												MEAN NUMBER OF DAYS OCCURRENCE OF																																																																																																																																																																																																																																																																																																																																																																																	
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SHOWFALL (IN)				RELATIVE HUMIDITY (%)	P R E S S U R E (IN HG)	P R E S S U R E (FT)	P R E S S U R E (MM HG)	SURFACE WINDS		PRECIP (IN)	SHOWFALL (IN)		FOG (IN)	TEMPERATURE (°F)																																																																																																																																																																																																																																																																																																																																																																						
	MEAN				MONTHLY				MONTHLY								PVG DCTN	SPEED KTS		MAX KTS	MAX KTS		MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS	MAX KTS





PREPARED BY USAFETAC 070800P 1974				STATION NAME CHATHAM, NEW BRUNSWICK, CANADA LOCATION 44° 01' N 65° 27' W				PERIOD VARIETY ELEV 112 FT				STN LTBS 1704 STATION NO 1463 RMO NO 719170																																																																																																																																																																																																																																																																																																																												
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M O N T H	TEMPERATURE °F				PRECIPITATION IN				SNOW FALT IN				RELATIVE HUMIDITY %	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND 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DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	WIND SPEED KNOTS	WIND VELOCITY KNOTS	WIND DIRECTION	

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GAGETOWN, CN  
LOCATION: 45°50'N, 55°26'W  
PREPARED BY USAFETA FOR DEC 1985

STATION #: 717010  
ELEVATION (FEET): 167  
PERIOD: VARIED

ICAO ID: CYCX  
LST - GMT -4

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	#1	57	57	55	73	93	91	90	90	88	77	66	61	93
MEAN DLY MAX	#1	20	28	35	48	61	70	76	72	65	54	43	30	52
MEAN	#1	14	21	29	41	53	61	68	65	57	47	37	25	45
MEAN DLY MIN	#1	8	14	22	33	43	52	58	56	47	39	32	20	37
EXTREME MIN	#1	-21	-12	-12	12	27	36	45	37	27	19	12	-12	-21
# DAYS > 90	#1	0	0	0	0	#	1	#	#	0	0	0	0	1
# DAYS > 32	#1	29	25	26	16	3	0	0	0	1	6	13	12	130
# DAYS > 0	#1	10	5	2	0	0	0	0	0	0	0	0	4	21
2. PRECIPITATION (INCHES)														
MAXIMUM	#	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.6	1.1	1.7	2.6	3.0	3.5	2.9	3.3	3.4	3.3	3.4	1.7	31.3
MINIMUM	#	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	#	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/PRECIP	#1	14	14	15	15	15	13	11	11	11	11	14	20	172
3. SNOWFALL (INCHES)														
MEAN	#	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	#	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	#	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/SNOWFALL	#1	12	11	9	6	1	0	0	0	0	1	5	13	58
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (05 LST)	1	72	80	77	81	86	88	90	92	92	88	89	86	87
RH (16 LST)	1	69	64	58	52	46	49	51	54	54	56	67	73	58
VAPOR PRESS	#1	.07	.10	.12	.17	.26	.36	.47	.45	.34	.24	.19	.13	.25
DEWPOINT	#1	7	13	19	28	40	49	57	55	47	38	31	20	35
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	#1	W	WNW	WNW	WNW	WNW	SSW	SW	SW	SW	W	W	W	W
MEAN SPEED	#1	10	10	12	12	9	8	7	6	8	8	10	10	8
(PVLG DRCTN)	#1	10	10	12	12	9	8	7	6	8	8	10	10	8
MEAN SPEED	#1	8	8	8	9	7	7	6	5	7	7	7	7	7
(ALL OBS)	#1	46	48	43	49	30	34	32	40	37	36	40	47	49
MAX (PK GST)	#1	1150	900	1350	1100	750	1000	600	600	800	1000	1000	1350	1350
PRESSURE ALT	#1	1150	900	1350	1100	750	1000	600	600	800	1000	1000	1350	1350
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	#1	5	5	6	6	6	6	5	6	5	5	6	6	6
DAYS TSTMS	#1	0	0	0	#	1	2	3	1	#	#	#	0	8
DAYS FOG <7	#1	3	3	3	3	6	7	9	12	9	7	7	5	74
DAYS BNBD <7	#1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JUL 77 - OCT 85, HOURLY 0500-1700 LST  
 2. WORLD CLIMATIC DATA, 30 YR POR  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	40	36	29	31	28	29	*	*	*
06-08 LST	26	32	32	34	39	37	29	33	31	30	42	44	34
09-11 LST	26	28	32	35	37	34	23	28	27	28	38	42	31
12-14 LST	23	26	32	34	29	28	17	21	19	23	36	42	27
15-17 LST	18	24	24	25	20	15	9	13	14	15	28	33	20
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	31	26	25	27	22	19	*	*	*
06-08 LST	16	22	27	25	33	30	24	29	26	23	27	32	26
09-11 LST	18	22	23	23	24	25	15	23	20	19	27	35	22
12-14 LST	15	15	19	19	15	16	10	13	12	12	21	30	16
15-17 LST	10	11	10	11	11	8	6	6	6	7	12	22	10
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	25	22	15	23	15	13	*	*	*
06-08 LST	11	16	20	21	28	24	19	24	20	16	20	25	20
09-11 LST	13	16	17	18	17	16	12	17	14	14	21	31	16
12-14 LST	10	10	13	14	9	9	8	8	9	9	16	27	11
15-17 LST	7	7	7	8	5	5	3	5	5	6	9	14	6
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	3	4	2	4	2	2	*	*	*
06-08 LST	1	1	4	2	2	3	3	5	6	3	5	3	3
09-11 LST	3	2	1	1	1	0	0	1	#	1	3	2	1
12-14 LST	2	1	0	#	0	0	0	0	#	0	1	2	#
15-17 LST	1	1	0	#	0	0	0	0	#	1	0	1	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-JWL-5

# OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: GAGTOWN, CM  
LOCATION: 45°50'N, 66°26'W  
PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 717010  
ELEVATION (FEET): 167  
PERIOD: VARIED

ICAO ID: CYCX  
LST - GMT -4

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	0	1	1	0	1	0	*	*	*
06-08 LST	0	0	0	0	#	#	#	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	#	0	0	0	#
12-14 LST	0	0	0	#	#	#	1	#	0	#	0	0	#
15-17 LST	0	0	0	0	1	#	2	1	0	#	0	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	24	17	12	12	10	16	*	*	*
06-08 LST	2	7	9	17	23	19	12	13	13	15	15	9	13
09-11 LST	4	6	8	16	20	16	12	10	11	15	10	12	12
12-14 LST	4	6	10	16	18	16	9	13	14	13	12	14	12
15-17 LST	3	4	11	13	16	11	9	11	12	12	12	11	10
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	1	0	0	0	0	0	*	*	*
06-08 LST	15	20	14	11	2	0	0	0	0	1	9	18	8
09-11 LST	19	21	19	9	2	0	0	0	0	#	8	22	8
12-14 LST	21	17	15	9	1	0	0	0	0	#	6	21	8
15-17 LST	16	13	9	6	#	0	0	0	0	#	3	9	5
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	0	0	0	0	0	0	*	*	*
06-08 LST	1	1	1	2	0	0	0	0	0	#	0	#	#
09-11 LST	2	2	1	2	0	#	0	0	#	1	#	2	1
12-14 LST	4	2	3	3	#	#	0	0	0	1	1	1	1
15-17 LST	1	1	3	1	0	0	0	1	0	1	0	0	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JUL 77 - OCT 85, HOURLY 0500-1700 LST  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	23	19	14	20	12	11	*	*	*
06-08 LST	10	15	17	16	24	21	16	21	17	15	17	22	18
09-11 LST	12	14	13	14	13	13	10	14	10	12	17	27	13
12-14 LST	9	9	9	10	6	6	6	6	6	8	14	25	9
15-17 LST	6	7	4	6	2	5	2	4	3	5	7	11	5
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	13	12	9	15	9	6	*	*	*
06-08 LST	7	10	10	11	13	12	9	16	11	9	11	13	11
09-11 LST	10	8	7	6	5	4	3	6	5	6	11	16	7
12-14 LST	7	4	3	4	1	1	2	3	3	4	8	19	4
15-17 LST	3	5	2	3	#	3	1	1	1	3	4	6	3
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	7	8	3	8	6	4	*	*	*
06-08 LST	5	6	7	5	8	5	5	9	8	5	7	8	6
09-11 LST	7	4	4	4	3	1	1	2	2	2	7	7	3
12-14 LST	4	2	1	3	0	#	#	1	1	1	3	8	2
15-17 LST	2	4	#	2	0	0	0	0	#	2	1	4	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	2	2	1	3	2	1	*	*	*
06-08 LST	#	#	1	1	1	1	1	3	4	2	4	3	2
09-11 LST	1	1	1	1	#	0	0	0	0	1	2	1	1
12-14 LST	1	#	0	#	0	0	0	0	0	0	#	#	#
15-17 LST	#	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-JWL-5a

PREPARED BY USAPETAC				STATION NAME St. John, New Brunswick, CANADA				PERIOD Varied				STN LTBS CYSJ														
OCTOBER 1979				LOCATION N49 19 W065 53				ELEV 147 FT				WMO NO 716090														
AWS CLIMATIC BRIEF																										
MONTH	1 TEMPERATURE (°F)				PRECIPITATION (IN)				RELATIVE HUMIDITY (%)				SURFACE WINDS				MEAN NUMBER OF DAYS OCCURRENCE OF				TEMPERATURE (°F)					
	MEAN				MONTHLY				MONTHLY				PVG 2				PRECIP				TEMP					
	MAX MIN				MAX MIN				MAX MIN				PVG 2				PRECIP				TEMP					
	THLY				THLY				THLY				PVG 2				PRECIP				TEMP					
JAN	28	9	19	52	-25	5.7	8.1	1.0	3.7	29	61	15	10	11	72	6	13	3	15	4	8	0	0	26	2	
FEB	28	9	19	51	-34	5.1	7.0	1.8	3.7	29	56	13	10	11	70	6	13	3	15	4	8	0	0	26	2	
MAR	36	19	27	57	-22	4.1	7.4	2.0	2.1	20	49	16	10	11	72	6	13	3	15	4	8	0	0	20	8	
APR	46	29	38	68	2	4.4	9.5	0.6	4.9	7	23	10	10	11	72	6	13	3	15	4	8	0	0	8	0	
MAY	58	38	48	86	18	4.0	7.6	1.5	2.6	1	7	4	10	11	72	6	13	3	15	4	8	0	0	1	0	
JUN	66	46	56	89	28	3.7	6.6	1.4	2.1	0	0	0	10	11	72	6	13	3	15	4	8	0	0	4	0	
JUL	72	53	62	91	34	3.5	7.2	0.7	2.9	0	0	0	10	11	72	6	13	3	15	4	8	0	0	1	0	
AUG	71	52	61	88	31	3.9	9.0	0.6	4.9	0	0	0	10	11	72	6	13	3	15	4	8	0	0	4	0	
SEP	64	45	55	84	20	4.0	8.1	1.6	3.0	0	0	0	10	11	72	6	13	3	15	4	8	0	0	4	0	
OCT	55	38	46	78	15	4.3	8.4	2.6	3.4	8	4	4	10	11	72	6	13	3	15	4	8	0	0	2	0	
NOV	44	29	37	71	6	6.1	11.7	2.7	2.9	5	19	8	10	11	72	6	13	3	15	4	8	0	0	9	0	
DEC	32	16	24	63	-16	6.2	12.1	3.8	4.2	24	54	23	10	11	72	6	13	3	15	4	8	0	0	23	8	
ANN	50	32	41	91	-34	55.0	12.1	0.6	4.9	117	61	23	10	11	72	6	13	3	15	4	8	0	0	114	4	
EVB	25	25	25	28	28	25	15	28	25	28	28	8	30	30	10	30	30	15	20	9	9	9	54	30	10	10
REMARKS: Source: 1. Airport Handbook, Eastern Canada III, FOR: 1946-1971																										
2. Met Branch Climatic Normals For Canada: FOR 1931-1960																										
3. Monthly Record for Canada: FOR: 1962-1976																										
4. World-wide Airfield Summaries, Vol. IV: FOR Unknown																										
* DATA NOT AVAILABLE < LESS THAN 1.5 DAY, 0.5 IN, 0.5 PERCENT AS APPLICABLE																										
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 1 MI	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 1/2 MI	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 1/4 MI	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
CEILING LESS THAN 500 FT AND/OR VISIBILITY LESS THAN 1/8 MI	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
ALL HRS	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
ALL HRS	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
ALL HRS	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
ALL HRS	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
ALL HRS	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
ALL HRS	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
ALL HRS	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
ALL HRS	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
ALL HRS	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
ALL HRS	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
ALL HRS	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
ALL HRS	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
ALL HRS	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
ALL HRS	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
ALL HRS	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
ALL HRS	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38	24	35	37	34									
	03-05				33	27	35	33	36	50	55	40	41	31	32	36	37									
	06-08				34	30	34	36	37	47	54	40	38	32	32	40	38									
ALL HRS	HRS LIST				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVB								
	00-02				33	22	32	32	30	44	47	32	38													

# AWS CLIMATIC BRIEF

PLACENTIA NS/BRISTOL FIELD, NEWFOUNDLAND, PERIOD: 1945-67

WBAN # 14508

WMO # 72807

Prepared by ETAC (AUG 1971)

N 47 18 W 54 00

CANADA FIELD ELEVATION: 51

STN LTRS: CYAR

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)		MEAN				MEAN NUMBER OF DAYS										MEAN CLDS (TENTHS)			
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL IN 24 HOURS	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	0100 RELATIVE HUMIDITY (%)	1300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE	99.95%	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F)				
																								TEMPERATURE (°F)				
																								TEMPERATURE (°F)				
																								TEMPERATURE (°F)				
Y	Z	4	5	65	50	32	0																					
JAN	56	34	23	-4	4.3	2.9	19	29	W	19	86	81	80	23	.12	1400	16	3	9	4	#	13	0	1	27	#	8	
FEB	63	32	22	-4	3.8	4.0	18	11	W	18	88	82	80	22	.12	1350	15	2	11	4	#	11	0	1	26	#	8	
MAR	59	35	26	2	2.9	2.0	13	16	SW	17	85	84	80	25	.14	1400	13	1	9	3	0	14	0	1	27	0	8	
APR	65	40	31	13	2.8	2.1	5	10	SSW	16	85	88	81	31	.17	1100	13	1	4	1	#	19	#	2	18	0	8	
MAY	74	47	37	28	2.5	2.5	1	5	SSW	14	66	91	81	37	.22	800	13	1	1	#	#	22	#	9	4	0	8	
JUN	71	54	44	34	2.9	2.5	#	#	SSW	13	65	91	82	44	.29	700	12	1	#	0	1	20	1	24	0	0	8	
JUL	78	62	52	40	3.1	2.5	0	0	SSW	13	52	93	85	53	.40	600	14	2	0	0	1	26	9	31	0	0	8	
AUG	78	64	56	44	2.8	1.8	#	#	SSW	13	70	92	83	56	.45	550	12	2	0	0	1	21	14	31	0	0	8	
SEP	74	59	50	38	3.1	2.9	#	#	SSW	15	100	88	79	50	.36	700	12	2	0	0	#	16	4	29	0	0	7	
OCT	71	52	43	29	3.1	2.9	#	4	SSW	16	72	85	78	42	.27	950	12	2	#	#	#	16	1	20	1	0	7	
NOV	70	46	37	21	4.9	3.4	1	4	SSW	17	83	85	81	36	.21	1150	16	2	1	#	#	15	#	9	7	0	8	
DEC	60	38	29	7	4.4	3.1	13	10	WSW	18	91	83	81	28	.15	1300	16	2	8	3	#	12	0	3	23	0	8	
ANN	78	47	37	-4	40.6	4.0	70	29	SSW	16	100	87	81	38	.23	1050	164	21	43	15	3	205	29	161	133	#	8	
EYR	22	22	22	22	22	22	22	23	23	23	23	23	23	23	23	23	22	22	18	18	22	22	18	18	22	22	20	

REMARKS: 1. OLD. 72807 Now used for Placentia, Nfld, N47 14 W 54 01 Elev 0 Feet.

2. Also CNMB

3. SIG SCDRY DCTN: MAR: NNE.

SMOS (Navy) POR: Hrly Obs: 4503-6712. Daily Obs: 5001-6712. Navy LCD May 1968.

NOTE: \*DATA NOT AVAILABLE. \*LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	58	57	52	56	56	53	60	52	41	43	51	56	53	
	03-05	61	58	54	59	59	59	66	57	43	43	53	56	56	
	06-08	62	61	59	58	59	60	66	60	46	48	58	61	58	
	09-11	60	60	57	57	55	53	61	55	43	51	58	62	56	
	12-14	61	59	55	53	49	49	54	50	40	48	57	63	53	
	15-17	61	59	54	51	47	46	50	44	40	45	56	65	52	
	18-20	59	58	53	53	47	52	45	40	42	42	51	59	51	
	21-23	59	57	51	54	50	49	55	48	40	41	50	58	51	
	ALL HOURS	60	59	54	55	53	52	58	51	42	45	54	60	54	23
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	31	32	33	41	45	44	55	41	29	26	27	24	36	
	03-05	32	35	34	41	48	50	59	47	31	25	28	26	38	
	06-08	32	34	34	40	49	49	58	49	33	28	32	28	39	
	09-11	34	22	33	37	42	43	51	44	29	29	31	29	35	
	12-14	34	31	30	35	33	36	44	37	25	26	29	28	32	
	15-17	34	31	30	33	32	35	42	33	26	25	30	31	32	
	18-20	32	31	28	36	34	36	45	35	28	25	27	26	32	
	21-23	32	22	29	39	39	39	49	38	29	25	27	26	34	
	ALL HOURS	33	32	31	38	40	42	50	41	29	26	29	27	35	23
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	21	22	22	31	37	38	49	34	23	18	17	14	27	
	03-05	21	23	22	31	39	42	52	39	23	17	18	15	34	
	06-08	20	22	22	31	38	41	51	41	25	19	21	17	29	
	09-11	22	21	22	27	31	32	42	35	22	18	20	19	26	
	12-14	23	20	21	25	23	28	36	30	18	16	20	17	23	
	15-17	24	20	20	24	23	28	36	27	20	17	19	20	23	
	18-20	21	22	20	27	30	39	29	21	17	17	17	17	24	
	21-23	20	22	20	29	31	33	42	30	23	18	17	17	25	
	ALL HOURS	21	21	21	28	31	34	43	33	22	18	19	17	26	23
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	2	3	3	7	10	15	23	12	8	4	3	2	8	
	03-05	3	3	3	7	10	16	24	13	8	4	3	2	8	
	06-08	3	4	3	6	8	14	22	13	8	4	3	2	8	
	09-11	3	4	3	5	6	9	14	10	7	3	3	3	6	
	12-14	4	3	4	4	4	8	9	7	4	3	4	3	5	
	15-17	4	4	3	3	5	8	12	7	6	3	4	3	5	
	18-20	3	3	4	7	7	11	19	9	8	4	2	2	7	
	21-23	3	3	3	5	8	13	20	11	8	4	2	2	7	
	ALL HOURS	3	3	3	5	7	12	18	10	7	4	3	2	6	23



# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CARTWRIGHT, NFLD, CN  
 LOCATION: 53°41'N, 57°02'W  
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 718180  
 ELEVATION (FEET): 40  
 PERIOD: VARIED

ICAO ID: YCA  
 LST - GMT -4

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	3	44	49	56	60	86	92	97	90	85	74	60	56	97
MEAN DLY MAX	1	16	18	26	35	44	54	64	61	52	42	34	21	39
MEAN	1	8	10	17	28	37	46	54	53	45	37	29	14	32
MEAN DLY MIN	1	1	4	10	22	31	39	47	46	40	33	25	8	26
EXTREME MIN	3	-36	-27	-26	-14	5	22	29	31	25	15	-5	-29	-34
# DAYS > 90	1	0	0	0	0	0	#	#	#	0	0	0	0	#
# DAYS > 32	1	31	28	30	27	21	4	#	#	2	15	25	30	210
# DAYS > 0	1	17	14	11	2	0	0	0	0	0	0	#	10	54
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	3	3.32	3.93	4.05	3.24	2.54	3.33	3.08	3.42	3.53	3.25	3.00	3.62	40.3
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	3	8.9	9.9	9.7	8.4	7.0	7.1	6.8	7.3	7.7	7.2	6.8	9.4	96.2
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	3	31.6	37.0	39.6	27.2	11.1	2.3	0	0	0	4.4	14.3	33.1	200.6
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5	3	6.3	#	#	#	2.3	0	0	0	.8	3.4	6.5	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (04 LST)	1	78	78	81	86	88	87	88	88	86	83	82	80	84
RH (14 LST)	1	74	74	77	78	74	71	67	69	71	72	76	78	73
VAPOR PRESS	1	.07	.07	.09	.14	.18	.25	.34	.32	.25	.18	.14	.08	.18
DEWPOINT		*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 KT/KNCTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	SW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW
MEAN SPEED														
(PVLG DRCTN)	1	12	11	11	11	10	11	10	10	10	11	12	12	11
MEAN SPEED														
(ALL OBS)	1	12	12	12	11	10	9	9	8	10	12	13	13	11
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	1500	1400	1400	1200	850	750	850	750	900	1050	1200	1450	1500
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	6	6	6	6	6	6	6	6	6	5	6
DAYS TSTMS	1	0	0	0	0	0	#	2	1	#	#	#	0	3
DAYS FOG < 7	1	2	1	4	5	7	8	9	7	4	2	2	1	52
DAYS BNBD < 7		0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512  
 2.  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARIES POR UP TO 30 YRS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	37	37	39	50	44	44	33	29	39	36	41	38	39
03-05 LST	35	36	38	50	46	49	39	34	40	36	40	38	40
06-08 LST	38	35	41	49	48	53	39	36	49	44	40	40	43
09-11 LST	36	34	45	47	45	50	39	36	49	47	44	39	43
12-14 LST	36	37	44	47	42	48	39	36	51	48	46	38	43
15-17 LST	36	38	44	46	42	45	33	33	51	49	47	41	42
18-20 LST	36	41	41	48	41	44	30	34	49	43	38	41	41
21-23 LST	35	38	40	48	43	47	31	32	45	36	38	39	39
ALL HOURS	36	37	42	48	43	48	35	34	47	42	42	39	41

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	27	29	32	31	33	24	23	23	17	21	23	26
03-05 LST	24	28	29	35	35	36	28	23	23	17	22	25	27
06-08 LST	24	25	32	33	36	37	27	25	29	20	25	24	28
09-11 LST	25	26	31	32	33	32	23	20	29	21	26	26	27
12-14 LST	25	28	27	28	27	27	18	16	24	20	27	25	24
15-17 LST	24	28	28	29	25	24	16	16	21	23	24	24	24
18-20 LST	22	28	30	31	27	27	19	19	23	20	18	26	24
21-23 LST	23	25	28	33	30	31	23	22	20	17	20	25	25
ALL HOURS	24	27	29	31	31	31	22	21	24	19	18	25	26

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	17	21	24	26	28	21	17	17	12	15	17	19
03-05 LST	18	17	21	25	28	28	23	18	18	13	15	19	20
06-08 LST	17	17	24	25	29	27	20	19	18	12	18	18	20
09-11 LST	18	21	23	21	24	23	16	12	14	10	14	18	18
12-14 LST	17	21	20	21	19	19	13	9	10	11	15	17	16
15-17 LST	17	22	20	21	21	17	13	8	10	12	16	19	16
18-20 LST	14	18	20	24	23	20	17	14	12	11	13	18	17
21-23 LST	17	18	20	25	24	26	20	16	14	12	14	18	19
ALL HOURS	17	19	21	23	25	24	18	14	14	12	15	18	18

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	4	1	3	2	4	3	1	1	#	2	2
03-05 LST	3	1	5	2	4	3	4	5	1	#	#	2	3
06-08 LST	5	2	4	4	6	2	3	2	1	1	#	2	3
09-11 LST	4	3	3	3	4	1	1	1	1	1	1	2	2
12-14 LST	5	3	4	4	3	1	1	1	0	1	1	3	2
15-17 LST	4	3	4	2	3	1	2	1	#	0	2	3	2
18-20 LST	4	2	4	3	4	2	2	2	#	#	2	2	2
21-23 LST	4	2	4	3	4	1	3	2	1	1	1	2	2
ALL HOURS	4	2	4	3	4	2	3	2	1	1	1	2	2

ECR-CLT28

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CARTWRIGHT, NFLD, CN  
 LOCATION: 53°41'N, 57°02'W  
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 718180  
 ELEVATION (FEET): 40  
 PERIOD: 7707-8512

ICAO ID: YCA  
 LST - GMT -4

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	#	#	0	0	0	0	#
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	#	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	#	#	0	0	0	0	#
15-17 LST	0	0	0	0	0	#	1	#	0	0	0	0	#
18-20 LST	0	0	0	0	0	0	#	1	0	0	0	0	#
21-23 LST	0	0	0	0	0	0	0	0	#	0	0	0	#
ALL HOURS	0	0	0	0	0	0	#	#	#	0	0	0	#

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	2	5	10	29	19	14	20	15	9	4	11
03-05 LST	1	2	2	6	14	28	17	15	21	14	9	4	11
06-08 LST	1	2	3	5	13	25	18	15	23	12	8	4	11
09-11 LST	1	2	4	7	14	21	19	15	21	14	6	4	11
12-14 LST	2	3	4	6	11	20	17	16	20	15	6	4	10
15-17 LST	2	2	5	5	11	21	17	13	20	15	6	5	10
18-20 LST	2	2	4	5	11	22	19	16	22	16	9	3	11
21-23 LST	2	2	3	5	11	24	18	14	21	13	8	3	10
ALL HOURS	2	2	3	5	12	24	18	15	21	14	8	4	11

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	27	25	23	28	13	3	0	0	1	7	19	28	15
03-05 LST	24	27	26	25	14	3	0	0	1	7	19	30	15
06-08 LST	28	25	28	23	15	4	#	0	1	8	18	29	15
09-11 LST	28	28	28	24	10	4	0	0	2	8	18	30	15
12-14 LST	28	26	26	22	9	2	0	0	1	10	18	25	14
15-17 LST	28	30	27	21	9	2	0	0	1	8	16	25	14
18-20 LST	26	28	23	22	8	2	#	0	1	8	14	25	13
21-23 LST	28	29	24	27	12	2	0	0	1	8	18	27	15
ALL HOURS	27	27	25	24	11	3	#	0	1	8	18	27	15

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	14	10	13	7	3	3	3	10	11	15	18	10
03-05 LST	16	16	14	13	9	5	5	4	12	14	20	21	12
06-08 LST	17	15	16	12	8	5	3	3	12	15	18	21	12
09-11 LST	20	19	18	15	8	6	4	4	14	16	21	26	14
12-14 LST	17	18	15	13	5	5	3	4	10	15	16	21	12
15-17 LST	19	16	14	12	6	6	4	4	9	12	17	23	12
18-20 LST	16	15	13	11	6	3	1	3	7	9	14	19	10
21-23 LST	17	17	13	13	6	4	1	4	9	11	16	22	11
ALL HOURS													

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	15	17	19	24	24	21	14	14	9	13	14	17
03-05 LST	16	16	17	20	26	25	22	16	13	9	13	17	18
06-08 LST	16	14	20	21	25	24	19	14	13	10	15	17	17
09-11 LST	15	17	20	17	19	21	15	8	9	8	12	17	15
12-14 LST	15	18	17	18	16	17	12	7	6	9	12	15	14
15-17 LST	14	18	17	19	18	13	11	6	7	9	13	15	13
18-20 LST	13	15	18	22	21	17	14	11	9	9	11	16	15
21-23 LST	15	14	16	22	22	24	19	14	10	9	12	16	16
ALL HOURS	15	16	18	20	21	21	17	11	10	9	13	16	16

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	11	10	12	17	14	13	10	7	3	8	9	11
03-05 LST	12	11	13	11	19	17	15	11	8	4	8	11	12
06-08 LST	12	9	15	13	19	14	13	10	7	5	10	12	12
09-11 LST	12	13	15	12	15	12	10	4	4	4	8	11	10
12-14 LST	11	12	12	13	11	10	7	2	2	4	7	11	9
15-17 LST	11	12	13	13	12	6	7	2	3	3	9	11	9
18-20 LST	10	11	13	15	16	11	10	6	4	4	6	10	10
21-23 LST	12	10	11	14	16	12	12	8	4	4	6	10	10
ALL HOURS	12	11	13	13	16	12	11	7	5	4	8	11	10

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	6	8	6	9	8	6	5	2	1	3	4	5
03-05 LST	8	4	9	5	10	7	8	7	3	1	4	4	6
06-08 LST	8	6	10	7	12	6	6	5	4	2	4	5	6
09-11 LST	8	8	8	7	7	3	4	2	2	2	4	5	5
12-14 LST	8	7	8	7	6	3	2	1	#	1	3	6	4
15-17 LST	6	8	7	7	7	3	3	1	1	#	5	6	5
18-20 LST	7	7	7	6	7	4	5	3	1	2	5	5	5
21-23 LST	7	6	7	6	9	5	7	4	1	2	3	4	5
ALL HOURS	7	7	8	7	8	5	5	4	2	1	4	5	5

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	1	3	1	2	1	2	2	1	#	0	1	1
03-05 LST	2	1	4	1	2	2	2	3	1	#	0	1	2
06-08 LST	3	1	3	2	3	#	1	1	1	#	0	#	1
09-11 LST	2	2	3	1	2	1	#	#	#	#	#	1	1
12-14 LST	3	1	2	2	1	0	#	0	0	#	0	2	1
15-17 LST	3	1	2	2	2	#	1	0	#	0	1	1	1
18-20 LST	2	1	1	2	2	1	1	1	#	0	1	1	1
21-23 LST	2	1	2	1	1	#	1	1	0	#	#	1	1
ALL HOURS	3	1	3	2	2	1	1	1	#	#	#	1	1

ECR-CLT28a

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GANDER, CANADA (NEW FOUNDLAND)  
 LOCATION: 48°57'N, 54°34'W  
 PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 718030  
 ELEVATION (FEET): 482  
 PERIOD: VARIED

ICAO ID: CYQX  
 LST - GMT -5

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	53	55	56	71	83	91	96	89	84	76	69	58	96
MEAN DLY MAX	2	28	28	32	40	52	62	71	69	61	50	41	32	47
MEAN	2	21	21	26	33	43	53	62	60	53	43	35	26	40
MEAN DLY MIN	2	14	13	19	27	34	43	52	52	45	36	30	20	32
EXTREME MIN	2	-17	-16	-14	4	16	27	35	30	29	21	7	-15	-17
# DAYS > 90	2	0	0	0	0	0	1	3	0	0	0	0	0	4
# DAYS < 32	2	30	29	29	24	10	2	0	2	1	9	22	29	187
# DAYS ≥ 0	2	16	14	13	0	0	0	0	0	0	0	0	12	55
2. PRECIPITATION (INCHES)														
MAXIMUM	2	5.7	3.3	6.5	6.0	4.6	5.8	6.8	6.5	7.3	6.2	6.4	4.8	69.9
MEAN	2	3.7	3.9	3.8	3.3	2.4	3.0	3.1	3.9	3.3	3.7	4.2	3.8	42.1
MINIMUM	2	#	#	.03	.18	.65	1.19	.83	1.60	.77	1.06	.92	.08	17.1
MAX 24 HR	2	1.3	2.2	2.4	2.6	1.8	1.4	3.8	3.9	2.2	2.0	2.3	1.8	3.9
# DAYS > 0.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	2	26.5	28.9	24.0	16.6	4.3	.9	0	0	.1	3.4	10.6	24.3	139.7
MAXIMUM	2	71.1	87.1	65.2	38.4	19.2	8.4	#	#	1.9	13.5	45.1	62.0	245.7
MAX 24 HR	2	12.7	18.8	16.3	15.0	6.5	8.4	#	#	1.9	7.9	11.1	18.0	18.8
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (04 LST)	1	79	77	79	85	87	87	87	87	87	85	81	81	83
RH (16 LST)	1	73	68	66	69	66	60	61	62	66	71	73	75	68
VAPOR PRESS	1	.10	.09	.12	.16	.22	.30	.42	.39	.32	.23	.17	.12	.22
DEWPOINT	1	13	11	18	27	35	44	52	51	45	36	28	19	32
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	W	W	W	W	W	SW	SW	WSW	W	W	W	W	W
MEAN SPEED (PVLG DRCTN)	1	14	14	13	11	11	11	11	11	11	11	13	13	12
MEAN SPEED (ALL OBS)	1	13	13	13	11	10	10	10	10	10	11	12	12	11
MAX (PK GST)	1	93	72	67	56	51	55	54	52	53	62	58	84	93
PRESSURE ALT	1	1650	1600	1500	1400	1400	1300	1050	1050	950	1100	1300	1300	1650
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	6	6	6	6	6	6	6	6	6	6	6	6
DAYS TSMS	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS FOG < 7	1	4	4	6	10	11	10	8	8	7	6	4	5	83
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS  
 APPLICABLE \$ = % CALM > PVLG DRCTN  
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 83  
 2. NATIONAL INTELLIGENCE SURVEY, POR 10-36 YRS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	55	53	59	68	62	53	47	46	48	52	54	60	55
03-05 LST	57	52	62	72	66	61	50	50	52	55	54	60	58
06-08 LST	57	54	62	68	66	62	50	53	53	56	58	59	58
09-11 LST	56	53	63	71	65	50	41	49	51	56	59	56	56
12-14 LST	59	55	56	62	53	43	33	37	41	50	58	62	51
15-17 LST	57	51	55	60	52	38	35	31	39	48	51	59	48
18-20 LST	56	48	54	57	53	40	38	34	40	51	48	60	49
21-23 LST	54	51	59	63	59	45	41	37	43	51	52	58	51
ALL HOURS	56	52	59	65	60	50	42	42	46	52	54	59	53

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	42	43	48	59	56	49	41	39	38	40	36	45	45
03-05 LST	41	42	52	62	59	56	44	43	40	43	38	45	47
06-08 LST	45	44	53	57	60	55	40	44	43	45	42	45	48
09-11 LST	45	43	48	57	51	36	27	30	32	39	41	43	41
12-14 LST	41	41	41	46	40	26	18	21	23	34	36	47	35
15-17 LST	43	39	42	45	40	27	21	20	25	32	35	44	35
18-20 LST	42	38	43	46	46	33	28	24	30	35	30	43	37
21-23 LST	42	41	42	53	53	39	35	31	34	36	35	42	41
ALL HOURS	43	41	47	53	51	41	32	32	33	38	37	44	42

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	34	33	40	42	42	43	34	31	30	31	29	34	37
03-05 LST	31	32	43	56	56	51	38	35	34	35	31	34	40
06-08 LST	36	37	45	49	53	47	32	35	36	38	35	37	40
09-11 LST	34	34	38	46	41	27	19	20	23	29	31	34	32
12-14 LST	32	32	32	36	31	18	9	14	14	25	26	37	26
15-17 LST	32	32	33	36	32	21	12	16	17	25	26	34	27
18-20 LST	33	30	33	39	41	27	20	20	22	28	23	35	29
21-23 LST	34	31	39	44	49	34	27	26	25	29	27	35	34
ALL HOURS	33	33	38	45	45	34	24	25	26	30	29	35	33

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	4	6	15	16	10	7	5	4	2	3	6	7
03-05 LST	3	3	6	14	15	11	7	7	6	5	4	5	7
06-08 LST	4	4	10	11	10	5	6	4	5	4	5	5	6
09-11 LST	5	3	5	7	5	2	1	#	1	1	2	4	3
12-14 LST	4	5	3	5	2	#	#	#	1	2	2	5	3
15-17 LST	5	5	5	7	3	1	1	1	1	2	4	4	3
18-20 LST	5	4	7	10	7	4	2	1	2	2	2	5	4
21-23 LST	5	5	7	14	13	4	5	3	4	3	2	5	6
ALL HOURS	5	4	6	10	9	5	4	3	3	3	3	5	5

ECR-MNF-5

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: GANDER, CANADA (NEW FOUNDLAND)  
 LOCATION: 48°57'N, 54°34'W  
 PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 718030  
 ELEVATION (FEET): 482  
 PERIOD: VARIED

ICAO ID: CYQX  
 LST - GMT -5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	6	11	16	32	27	21	23	26	28	17	11	19
03-05 LST	8	5	10	15	29	28	22	23	31	30	16	11	19
06-08 LST	6	5	14	16	29	28	22	20	30	28	16	10	19
09-11 LST	7	7	12	15	30	22	18	20	26	24	19	11	18
12-14 LST	7	7	12	17	28	22	19	21	27	24	22	10	18
15-17 LST	7	6	11	17	30	21	21	20	25	26	19	10	17
18-20 LST	9	6	11	17	29	21	18	21	28	28	18	12	18
21-23 LST	9	4	10	15	30	22	17	21	28	29	16	12	18
ALL HOURS	8	6	11	16	30	24	20	21	28	27	17	11	18

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	40	40	36	27	9	2	0	0	0	7	20	36	18
03-05 LST	40	41	36	29	10	2	0	0	0	8	20	36	18
06-08 LST	38	39	35	22	10	2	0	0	0	8	20	35	17
09-11 LST	38	35	32	23	8	1	0	0	0	9	20	32	16
12-14 LST	40	38	30	24	6	1	0	0	0	9	21	35	17
15-17 LST	37	34	28	22	4	1	0	0	0	8	18	32	15
18-20 LST	37	36	31	22	7	2	0	0	0	8	20	34	16
21-23 LST	36	39	32	28	7	2	0	0	0	7	21	33	17
ALL HOURS	38	38	32	24	8	2	0	0	0	8	20	34	17

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	15	15	6	3	2	3	1	4	7	9	16	8
03-05 LST	18	16	14	8	3	3	1	2	3	8	8	16	8
06-08 LST	19	16	15	10	5	5	3	2	4	9	10	17	10
09-11 LST	24	21	21	13	10	7	6	5	9	15	16	20	14
12-14 LST	24	24	23	15	12	11	11	7	13	17	16	20	16
15-17 LST	22	25	22	12	11	9	8	5	10	12	14	18	14
18-20 LST	19	19	17	6	6	4	5	2	3	10	12	17	10
21-23 LST	19	18	16	7	3	2	2	1	4	9	11	17	9
ALL HOURS	20	19	18	10	7	5	5	3	6	11	12	18	11

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 1/4 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 83  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	29	28	35	47	49	39	28	25	25	28	24	30	32
03-05 LST	28	28	39	50	53	46	33	29	30	31	27	29	36
06-08 LST	32	33	42	45	48	42	27	29	31	33	30	32	35
09-11 LST	30	31	35	41	36	23	14	16	19	23	27	28	27
12-14 LST	28	29	30	31	28	15	6	11	11	21	23	31	22
15-17 LST	26	30	31	32	29	19	9	13	14	21	22	30	23
18-20 LST	29	27	30	34	36	23	16	17	19	23	20	31	26
21-23 LST	29	26	34	39	46	30	22	22	22	24	24	30	29
ALL HOURS	29	29	34	40	41	30	20	21	22	26	25	30	29

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	19	25	35	41	30	19	18	14	18	14	20	23
03-05 LST	18	19	27	38	43	33	23	18	19	20	17	20	25
06-08 LST	22	23	32	33	33	27	18	17	21	19	20	22	24
09-11 LST	22	22	25	28	23	11	6	6	10	12	17	20	17
12-14 LST	19	20	19	21	18	6	2	5	5	12	15	22	14
15-17 LST	19	23	24	23	19	12	5	6	8	14	15	19	16
18-20 LST	19	18	22	25	28	19	9	10	12	13	12	19	17
21-23 LST	19	19	24	29	35	23	14	14	13	13	13	21	20
ALL HOURS	19	20	25	29	30	21	12	12	13	15	15	21	20

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	13	16	25	29	21	14	9	8	9	8	13	15
03-05 LST	11	11	18	26	30	24	15	11	13	12	10	12	16
06-08 LST	14	15	22	20	21	15	10	9	12	11	13	15	15
09-11 LST	15	13	16	17	12	4	2	2	3	6	9	13	9
12-14 LST	13	15	12	12	8	2	1	1	1	7	9	15	8
15-17 LST	14	16	16	15	9	5	2	3	4	7	9	12	9
18-20 LST	11	12	14	17	18	11	4	4	6	7	7	12	10
21-23 LST	12	13	14	22	25	13	9	8	7	6	7	14	13
ALL HOURS	13	14	16	19	19	12	7	6	7	8	9	13	12

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	7	5	3	3	1	1	1	#	2	2
03-05 LST	1	1	1	5	4	4	3	2	2	1	1	2	2
06-08 LST	1	1	2	6	4	2	1	2	1	1	1	2	2
09-11 LST	1	1	1	4	1	#	#	0	#	#	1	1	1
12-14 LST	2	2	1	2	#	0	0	#	0	#	1	2	1
15-17 LST	2	2	2	3	1	#	#	#	#	1	1	2	1
18-20 LST	2	1	2	4	2	1	1	#	1	#	1	2	1
21-23 LST	2	1	3	5	3	1	1	1	1	1	1	2	2
ALL HOURS	2	1	2	5	3	1	1	1	1	1	1	2	2

ECR-MNF-5a



AUS CLIMATIC BRIEF										GOOSE APT, RMF, UNCLASD, CANADA										PERIOD 1942-66										WSAN 15607 WMO 72816									
Prepared by EYAC (AUG 1972)										N 53 19 W 50 25										FIELD ELEVATION: 156										STN LTRS: CYR									
MON: H	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)				MEAN				MEAN NUMBER OF DAYS																						
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME SPEED (KNOTS)	RELATIVE HUMIDITY (%)	DEW POINT (°F)	VAPOR PRESSURE (in)	PRESSURE ALTITUDE	99.9%	PRECIP 0.01	PRECIP 0.5	SNOWFALL 0.1	SNOWFALL 1.5	THUNDERSTORMS	FOG (< 2 MILES)	TEMPERATURE (°F)				MEAN CLOUDS (TENTHS)												
																							MAXIMUM		MINIMUM														
																							2	5	2	5													
																							80	65	32	0													
JAN	46	10	-6	-38	2.8	1.2	27	12	WSW	9	64	77	74	1.04	1250	16	2	15	6	0	13	9	0	31	22	6													
FEB	51	15	-3	-35	2.5	1.6	24	16	WSW	8	70	78	72	1.04	1450	14	1	13	5	0	10	0	0	28	18	6													
MAR	56	27	8	-33	2.6	1.5	25	12	W	9	55	77	67	0.97	1400	13	2	12	5	0	10	0	0	30	10	7													
APR	67	37	21	-14	2.4	1.7	19	11	NE	9	53	78	64	20.11	1000	15	1	12	5	0	8	0	0	26	2	8													
MAY	89	50	32	10	2.3	1.3	7	13	NE	8	56	80	59	30.17	950	13	1	6	2	0	4	0	2	16	0	8													
JUN	93	62	43	28	2.8	1.2	1	6	NE	7	56	82	57	40.25	950	14	1	1	0	1	2	3	12	1	0	8													
JUL	100	71	51	37	3.4	1.4	0	0	WSW	7	52	82	59	50.36	900	15	2	0	0	3	2	4	21	0	0	8													
AUG	91	68	50	32	3.5	3.1	0	0	WSW	8	49	85	60	48.34	950	15	2	0	0	2	1	2	18	0	0	7													
SEP	86	58	42	20	3.0	1.7	1	6	W	8	66	84	62	41.26	1000	14	2	1	0	0	1	1	7	3	0	7													
OCT	73	44	32	11	2.6	1.2	10	11	W	8	48	80	66	30.17	1150	13	1	5	2	0	3	0	1	10	9	7													
NOV	60	32	19	-9	2.7	1.6	21	9	W	8	58	82	75	19.11	1450	14	1	11	4	0	9	0	0	28	1	8													
DEC	53	16	2	-33	2.4	1.3	22	13	WSW	9	59	79	74	3.05	1500	16	1	15	6	0	7	0	0	30	15	6													
ANN	100	41	24	-38	33.0	3.1	157	16	WSW	8	70	80	66	24.13	1200	172	17	91	35	6	70	10	61	211	68	7													
EYR	22	22	22	22	22	18	22	13	17	17	10	17	17	17	9	13	13	13	13	9	8	13	13	13	13	13													
RUSSWO POR: HRLY OBS: 4203-5812, DAILY OBS: 4601-5812, CANADA-DOT-MET CIR-3859 TEC-474 10 JUL 63; AND HDS-13.																																							
NOTE: *DATA NOT AVAILABLE. 0.5 LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.																																							
FLYING WEATHER (% FREQ)		HOURS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR																						
CIG less than 3000 feet and/or VSBY less than 3 miles		00-02		31	26	28	30	25	23	21	19	21	21	31	25	25																							
		03-05		33	26	31	35	29	26	25	22	24	22	22	33	25	28																						
		06-08		32	25	30	35	31	31	27	25	22	22	22	33	27	28																						
		09-11		32	25	28	35	30	31	27	26	26	26	26	33	27	29																						
		12-14		29	26	25	31	25	26	20	19	21	29	34	24	26																							
		15-17		30	25	24	28	20	23	17	17	17	23	31	23	23																							
		18-20		30	24	26	28	20	23	15	15	17	20	27	22	22																							
		21-23		30	24	26	27	22	21	17	17	17	22	27	25	24																							
ALL HOURS			31	25	27	31	25	25	21	20	20	23	31	25	25	12																							
CIG less than 1500 feet and/or VSBY less than 3 miles		00-02		21	17	17	15	13	12	9	10	9	11	15	14	14																							
		03-05		23	15	18	17	15	14	13	13	9	11	16	14	15																							
		06-08		22	15	19	19	17	17	11	12	10	11	18	14	15																							
		09-11		23	17	18	18	12	14	11	10	9	13	17	18	15																							
		12-14		20	16	14	16	9	9	7	8	7	13	10	14	12																							
		15-17		19	16	15	15	8	8	5	7	6	10	17	14	12																							
		18-20		18	16	16	13	9	9	6	7	6	9	15	13	11																							
		21-23		20	14	16	14	10	11	7	9	8	11	13	13	12																							
ALL HOURS			21	16	17	16	12	12	9	9	8	11	16	14	13	12																							
CIG less than 1000 feet and/or VSBY less than 2 miles		00-02		14	11	10	11	9	7	6	6	5	8	10	10	9																							
		03-05		15	10	12	12	11	9	9	9	5	8	11	8	10																							
		06-08		15	11	14	13	12	11	7	8	5	8	12	9	10																							
		09-11		16	11	14	13	7	6	6	6	5	8	12	12	10																							
		12-14		15	12	10	11	6	4	4	4	4	8	12	11	8																							
		15-17		13	13	11	10	6	5	3	4	4	6	14	10	8																							
		18-20		12	12	12	10	6	5	4	5	5	6	11	8	8																							
		21-23		13	11	12	9	6	6	5	6	5	7	10	8	8																							
ALL HOURS			14	12	12	11	8	7	5	6	5	7	11	10	9	12																							
CIG less than 200 feet and/or VSBY less than 1 mile		00-02		1	1	1	1	2	1	1	1	1	2	1	1																								
		03-05		2	1	1	1	2	1	1	1	1	1	1	1	1																							
		06-08		1	1	1	1	1	1	1	1	1	1	1	1	1																							
		09-11		1	2	3	1	1	1	0	0	0	0	1	2	1																							
		12-14		2	3	1	1	1	1	0	0	0	1	1	1	1																							
		15-17		1	2	1	1	1	1	0	0	0	1	2	1	1																							
		18-20		1	1	1	1	1	1	1	1	1	1	3	1	1																							
		21-23		1	2	1	1	1	1	1	1	1	1	2	1	1																							
ALL HOURS			1	1	1	1	1	1	1	1	1	1	2	1	1	12																							

RUSSNO FOR: HRLY OBS: 4201-5812, DAILY OBS: 4601-5812, CANADA-DOT-MET CIR-3859 TEC-474 10 JUL 63; AND KDS-11.  
NOTE: \*DATA NOT AVAILABLE. 0.5 LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	31	26	28	30	25	23	21	19	21	21	31	25	25	
	03-05	33	26	31	35	29	26	25	24	22	22	33	25	28	
	06-08	32	25	30	35	31	31	27	25	22	22	33	27	28	
	09-11	32	25	28	35	30	31	27	26	26	26	33	27	49	
	12-14	29	26	25	31	25	26	20	19	21	29	34	24	26	
	15-17	30	25	24	28	20	23	17	17	17	23	33	23	23	
	18-20	30	24	26	28	20	23	15	15	17	20	27	22	22	
	21-23	30	24	26	27	22	21	17	17	17	22	27	25	24	
	ALL HOURS	31	25	27	31	25	21	20	20	20	23	31	25	25	12
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	21	17	17	15	13	12	9	10	9	11	15	14	14	
	03-05	23	15	18	17	15	14	13	13	9	11	16	14	15	
	06-08	22	15	19	19	17	17	11	12	10	11	18	14	15	
	09-11	23	17	18	18	12	14	11	10	9	13	17	18	15	
	12-14	20	16	14	16	9	9	7	8	7	13	16	14	12	
	15-17	19	16	15	15	8	8	5	7	6	10	17	14	12	
	18-20	18	16	16	13	9	9	6	7	6	9	15	13	11	
	21-23	20	14	16	14	10	11	7	9	8	11	13	13	12	
	ALL HOURS	21	16	17	16	12	12	9	9	8	11	16	14	13	12
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	14	11	10	11	9	7	6	6	5	8	10	10	9	
	03-05	15	10	12	12	11	9	9	9	5	8	11	8	10	
	06-08	15	11	14	13	12	11	7	8	5	8	12	9	10	
	09-11	16	11	14	13	7	6	6	6	5	8	12	12	10	
	12-14	15	12	10	11	6	4	4	4	4	8	12	11	8	
	15-17	13	11	11	10	6	5	3	4	4	6	14	10	8	
	18-20	12	12	12	10	6	5	4	5	5	6	11	8	8	
	21-23	13	11	12	9	6	6	5	6	5	7	10	8	8	
	ALL HOURS	14	12	12	11	8	7	5	6	5	7	11	10	9	12
CIG less than 200 feet and/or VSBY less than 1 mile	00-02	1	1	1	1	2	1	1	1	1	1	2	1	1	
	03-05	2	1	1	1	2	1	1	1	1	1	3	1	1	
	06-08	1	1	1	1	1	1	0	1	0	0	2	1	1	
	09-11	1	2	3	1	1	0	0	0	0	0	1	2	1	
	12-14	2	1	1	1	1	0	0	0	0	1	1	1	1	
	15-17	1	2	1	1	1	0	0	0	0	1	2	1	1	
	18-20	1	1	1	1	1	0	0	1	1	1	3	1	1	
	21-23	1	2	1	1	1	1	1	1	1	1	2	1	1	
	ALL HOURS	1	1	1	1	1	0	0	0	0	1	2	1	1	12

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: HOPEDALE, NFLD, CANADA  
 LOCATION: 55°30', 60°14'W  
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 719000  
 ELEVATION (FEET): 40  
 PERIOD: 7707-8410

ICAO ID: WHO  
 LST - GMT -4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DLY MAX 1	10	12	19	31	40	48	57	57	48	39	30	17	35
MEAN 1	2	5	11	24	34	42	50	51	43	35	26	11	28
MEAN DLY MIN 1	-4	-1	5	18	30	37	45	46	39	31	22	5	23
EXTREME MIN	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 90	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 32 1	31	28	31	27	23	8	0	0	2	19	28	31	228
# DAYS < 0 1	21	17	14	2	0	0	0	0	0	0	1	13	68
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS >= 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS >= 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (03 LST) 1	80	79	80	83	86	85	85	84	84	83	82	80	83
RH (14 LST) 1	78	77	79	78	78	76	76	72	74	76	79	78	77
VAPOR PRESS 1	.05	.06	.07	.12	.17	.22	.30	.30	.23	.17	.12	.07	.16
DEWPOINT 1	19	18	19	22	29	36	44	44	37	29	22	18	31
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN SPEED	*	*	*	*	*	*	*	*	*	*	*	*	*
(PVLG DRCTN)	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN SPEED	*	*	*	*	*	*	*	*	*	*	*	*	*
(ALL OBS)	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	1400	1100	1100	850	700	650	800	800	1000	950	1050	1300	1400
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS TSTMS 1	0	0	0	0	0	1	2	1	0	0	0	0	4
DAYS FOG < 7 1	3	1	3	7	9	10	10	8	7	3	3	2	66
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7706-8410  
 2.  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	35	37	37	42	44	41	41	30	37	36	32	34	37
03-05 LST	35	35	35	40	46	41	38	34	41	34	35	34	38
06-08 LST	32	34	37	43	46	44	41	35	44	37	39	36	39
09-11 LST	32	37	38	41	47	50	42	36	45	38	35	36	40
12-14 LST	30	37	38	38	46	45	37	38	48	44	38	36	40
15-17 LST	27	34	39	37	47	43	38	33	44	42	36	33	38
18-20 LST	31	35	37	34	43	43	35	32	35	38	31	33	36
21-23 LST	31	35	35	40	42	44	35	32	35	35	32	34	36
ALL HOURS	31	36	37	39	45	44	38	34	41	38	35	35	38

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	27	28	28	32	35	33	36	22	24	20	22	21	27
03-05 LST	28	28	27	32	35	34	34	23	25	19	24	22	28
06-08 LST	24	28	29	30	33	34	33	24	24	23	25	23	28
09-11 LST	23	28	27	28	31	32	28	23	25	21	22	22	26
12-14 LST	23	28	28	27	30	27	23	17	20	20	21	25	24
15-17 LST	18	25	28	27	29	26	23	17	20	22	20	25	23
18-20 LST	22	28	29	27	30	32	26	21	20	23	19	21	25
21-23 LST	23	28	28	30	33	36	29	23	24	20	17	22	26
ALL HOURS	23	28	28	29	32	32	29	21	23	21	21	23	26

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	22	22	27	28	31	34	19	23	18	18	17	23
03-05 LST	23	25	24	28	32	32	32	21	22	18	19	17	24
06-08 LST	22	26	27	25	31	33	31	23	22	21	20	19	25
09-11 LST	19	25	24	24	30	29	27	21	22	19	20	18	22
12-14 LST	20	24	24	23	28	23	23	15	18	18	19	19	21
15-17 LST	16	22	24	25	28	22	22	15	19	20	18	21	20
18-20 LST	19	22	25	26	28	30	25	20	19	20	15	18	22
21-23 LST	18	22	23	26	31	35	27	20	22	19	15	17	23
ALL HOURS	18	24	24	26	30	30	28	19	21	19	18	18	23

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	6	4	5	7	4	2	3	1	1	#	3	3
03-05 LST	4	7	5	6	5	4	2	3	1	2	1	3	4
06-08 LST	5	7	6	5	4	3	2	2	1	1	1	3	3
09-11 LST	4	5	5	3	3	1	1	1	1	1	2	3	3
12-14 LST	5	6	5	3	5	1	1	0	1	1	1	4	3
15-17 LST	4	5	5	3	2	2	1	1	1	1	1	4	3
18-20 LST	4	6	5	5	4	2	1	1	2	1	2	4	3
21-23 LST	5	8	5	3	5	5	3	3	2	1	1	4	4
ALL HOURS	4	6	5	4	4	3	2	2	1	1	1	4	3

ECR-CLT27

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: HOPEDALE, NFLD, CANADA  
 LOCATION: 55°30'N, 60°14'W  
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 719000  
 ELEVATION (FEET): 40  
 PERIOD: 7707-8410

ICAO ID: WHO  
 LST - GMT -4

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	23	16	13	7	4	5	3	8	13	19	21	12
03-05 LST	25	26	23	14	9	5	7	6	10	16	25	27	16
06-08 LST	23	23	19	13	10	8	5	9	12	17	24	21	15
09-11 LST	26	29	23	18	11	14	11	13	16	23	30	25	20
12-14 LST	22	22	21	15	9	10	8	9	13	15	21	23	16
15-17 LST	21	26	24	18	8	12	8	7	11	16	23	28	17
18-20 LST	20	20	17	14	6	7	5	5	10	12	19	22	13
21-23 LST	22	25	22	18	7	6	8	5	10	15	26	28	16
ALL HOURS	22	24	21	15	8	8	7	7	11	16	23	24	16

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8410  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	21	21	26	27	29	32	19	22	17	16	16	22
03-05 LST	22	24	23	27	30	31	31	21	20	16	18	17	24
06-08 LST	21	25	26	24	30	32	31	22	19	18	19	19	24
09-11 LST	18	25	23	23	29	27	26	20	19	17	18	18	22
12-14 LST	20	23	24	23	26	21	22	14	16	16	18	18	19
15-17 LST	16	22	24	24	26	21	21	15	18	18	17	20	20
18-20 LST	18	22	25	25	26	29	25	20	18	19	15	18	22
21-23 LST	18	21	22	25	29	33	27	19	21	17	14	16	21
ALL HOURS	19	23	24	25	28	28	27	19	21	17	17	17	22

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	19	18	23	21	23	25	15	14	10	11	11	16
03-05 LST	18	21	20	24	25	26	23	16	12	9	14	14	19
06-08 LST	19	24	23	21	25	25	22	19	12	12	15	16	19
09-11 LST	18	23	21	20	23	19	20	13	13	10	15	15	18
12-14 LST	16	21	21	19	20	16	16	9	10	8	13	16	15
15-17 LST	15	21	20	19	19	14	15	9	12	10	13	18	15
18-20 LST	16	19	21	22	22	21	18	14	11	9	11	15	17
21-23 LST	15	18	18	23	24	25	21	15	51	8	10	12	17
ALL HOURS	17	21	20	21	22	21	20	14	12	9	8	15	17

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	14	12	15	13	11	9	8	4	4	7	5	9
03-05 LST	13	16	13	15	14	12	9	8	3	4	8	7	10
06-08 LST	12	18	14	12	12	10	7	7	3	4	8	9	10
09-11 LST	10	16	13	9	10	5	7	5	2	3	7	8	8
12-14 LST	11	16	12	10	11	3	5	2	2	3	7	10	8
15-17 LST	9	15	11	10	11	5	4	3	3	3	6	10	7
18-20 LST	10	14	13	12	12	7	7	6	3	3	6	9	9
21-23 LST	11	13	12	14	14	11	8	7	6	3	5	7	9
ALL HOURS	11	15	10	12	12	8	7	6	3	3	7	8	9

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	3	2	3	1	0	1	0	1	0	1	1
03-05 LST	2	2	3	3	2	#	1	1	0	#	#	2	1
06-08 LST	2	2	3	2	2	1	#	#	0	0	1	2	1
09-11 LST	2	1	3	1	1	0	0	#	0	0	0	1	1
12-14 LST	3	1	3	2	1	0	0	0	#	0	#	2	1
15-17 LST	3	2	4	1	1	1	#	0	#	#	0	2	1
18-20 LST	2	2	3	1	1	1	#	1	1	#	0	2	1
21-23 LST	1	2	3	2	2	#	0	1	1	#	0	2	1
ALL HOURS	2	2	3	2	2	1	#	1	#	#	#	2	1

ECR-CLT27a

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ST ANTHONY, NFLD, CANADA  
 LOCATION: 51°29'N, 55°49'W  
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 718190  
 ELEVATION (FEET): 15  
 PERIOD: VARIED

ICAO ID: CYAY  
 LST - GMT -3:30

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 3	40	40	44	56	59	69	73	72	69	58	52	45	73
MEAN DLY MAX 1	20	20	26	32	42	51	60	59	51	42	34	25	39
MEAN 1	15	15	20	28	36	43	53	52	45	37	30	20	33
MEAN DLY MIN 1	10	11	17	25	33	40	49	48	42	34	27	15	30
EXTREME MIN 3	-31	-30	-20	-10	4	19	25	29	26	12	-6	-30	-31
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	30	27	20	5	0	0	1	16	24	30	212
# DAYS < 0 1	8	8	4	#	0	0	0	0	0	0	0	4	24
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN 3	1.49	2.03	.221	2.36	2.73	3.47	2.96	2.99	3.06	3.36	2.73	2.67	32.1
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01 3	5	6	6	7	7	7	7	7	7	7	6	8	80
# DAYS >= 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN 3	12.4	15.4	15.3	11.6	2.9	.6	0	.1	.4	3.7	8.5	19.4	90.3
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS >= 1.5 3	3	3	3	2	1	#	0	0	0	1	2	4	19
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (07 LST) 1	85	85	87	90	92	91	92	92	91	89	87	86	89
RH (18 LST) 1	83	82	85	86	80	75	73	75	75	78	84	84	80
VAPOR PRESS 1	.06	.06	.11	.15	.19	.25	.36	.35	.28	.20	.15	.11	.20
DEWPOINT	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	W	W	W	NNE	SW	SW	WSW	WSW	WSW	W	W	W	W
MEAN SPEED (PVLG DRCTN) 1	18	17	17	18	11	11	13	14	14	15	16	17	16
MEAN SPEED (ALL OBS) 1	16	16	15	14	12	11	11	11	13	13	14	15	13
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	2200	1850	1550	1350	1200	1000	1050	1000	1100	1250	1350	1550	2200
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	5	5	5	6	6	6	6	5	5	5	5	5	5
DAYS TSTMS 1	0	0	0	0	#	#	#	1	#	0	0	0	1
DAYS FOG < 7 1	3	2	6	10	12	12	11	10	7	6	6	4	89
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN  
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512  
 2.  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARY (BELLE ISLE, 30 MILES NW)  
 9-60 YR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	50	46	52	61	59	52	48	46	45	49	49	54	51
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	62	54	57	61	64	60	49	57	53	50	57	60	57
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	54	52	57	60	56	49	42	40	53	57	54	61	53
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	53	49	55	61	53	49	47	45	50	59	58	61	53
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	24	29	38	36	35	29	26	23	19	23	28	28
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	46	39	40	48	50	49	38	43	38	31	34	44	42
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	39	34	39	47	41	34	28	26	30	32	32	38	35
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	34	35	40	45	39	40	33	29	35	32	33	40	36
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	18	22	28	30	30	24	20	18	14	17	21	22
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	25	20	26	28	38	33	24	30	23	17	21	25	26
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	22	21	23	29	25	24	17	16	17	14	20	25	21
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	22	23	27	29	30	29	23	19	22	18	22	27	24
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	5	7	12	15	16	13	9	6	6	7	5	9
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	4	7	5	12	18	14	7	9	6	4	7	7	8
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	6	5	6	11	9	8	4	5	3	4	5	5	6
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	5	6	9	11	13	11	10	8	8	6	6	5	8
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT29

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ST ANTHONY, NFLD, CANADA  
 LOCATION: 51°29'N, 55°49'W  
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 718190  
 ELEVATION (FEET): 15  
 PERIOD: 7707-8512

ICAO ID: CYAY  
 LST = GMT -3:30

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	#	#	0	0	0	#
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	#	#	0	0	0	0	0	0	#
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	0	0	#	0	0	0	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	4	5	14	24	15	17	19	13	10	3	11
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	3	5	3	16	25	21	22	25	11	12	5	13
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	2	3	5	7	17	22	16	19	20	12	12	4	11
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	2	3	5	5	13	25	16	17	23	19	11	5	12
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	25	21	18	8	1	0	0	1	4	13	24	12
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	30	25	23	18	8	2	0	0	0	7	13	29	14
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	32	30	24	21	5	1	0	0	0	7	14	31	15
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	29	30	20	22	8	2	0	0	0	7	17	30	14
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	22	19	12	7	6	2	7	7	8	12	18	10
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	25	28	24	17	9	7	3	7	10	11	17	24	15
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	22	25	21	15	11	7	5	5	10	9	15	24	14
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	24	30	24	16	10	0	4	22	0	9	16	27	21
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*



REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	15	19	25	27	28	23	18	15	12	15	17	19
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	24	17	24	24	36	32	23	30	23	16	20	24	24
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	21	18	21	28	24	24	17	15	17	14	19	23	20
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	20	21	25	26	30	28	23	19	22	18	19	25	23
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	12	16	22	24	25	19	15	11	9	12	15	16
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	20	14	19	21	33	27	18	24	28	12	17	21	20
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	17	16	20	23	23	18	13	14	13	12	13	17	17
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	17	17	22	25	26	28	19	17	18	14	15	20	20
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	8	12	17	19	20	15	11	8	7	10	9	12
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	11	10	12	16	25	20	11	15	11	8	11	11	13
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	11	10	12	18	16	12	10	7	6	6	8	10	11
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	10	10	12	15	18	19	13	11	11	10	9	12	13
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	4	4	10	13	12	11	8	5	4	6	3	7
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	2	4	3	11	14	9	5	6	5	3	6	5	6
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	3	3	3	10	8	5	2	2	2	3	4	3	4
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	3	5	6	7	11	8	8	6	6	6	6	3	6
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT29a

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BROUGHTON ISLAND, NWT, CANADA  
 LOCATION: 67 33'N 64 03'W  
 PREPARED BY: USAFETAC/ECR, JAN 1987

STATION #: 710960  
 ELEVATION (FEET): 15  
 PERIOD: 7707-8512 6 HRLY

ICAO ID: CYVM  
 LST = GMT: -4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DLY MAX 1	-7	-13	-7	5	21	35	45	42	31	22	9	-3	16
MEAN 1	-14	-19	-12	0	18	33	41	39	30	20	5	-7	12
MEAN DLY MIN 1	-15	-21	-15	-4	13	28	37	35	26	16	2	-10	8
EXTREME MIN	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	31	30	31	23	9	13	26	31	30	31	315
# DAYS < 0 1	27	27	27	20	2	0	0	0	0	1	13	26	143
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (08 LST) 1	77	75	78	82	88	88	79	80	90	89	84	78	82
RH (20 LST) 1	76	75	76	80	87	83	77	79	90	89	83	77	81
VAPOR PRESS 1	.03	.02	.02	.04	.10	.16	.20	.20	.15	.10	.05	.03	.10
DEWPOINT	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 FT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	\$NW	\$NNW	\$NNW	\$NNW	\$N	\$N	\$N	\$S	\$NW	\$S	\$NW	\$S	\$NNW
MEAN SPEED (PVLG DRCTN) 1	13	9	9	10	8	5	6	8	12	6	12	7	10
MEAN SPEED (ALL OBS) 1	7	6	5	5	6	5	6	6	6	6	7	6	6
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	2900	2900	2900	2650	2550	2600	2600	2650	2700	2750	2800	2850	2900
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	3	3	3	4	5	5	5	6	6	6	5	4	5
DAYS TSTMS 1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7 1	5	4	5	7	13	13	8	8	13	10	9	9	101
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEA.

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512 6 HRLY  
 2.  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	21	14	28	45	40	29	31	49	42	43	29	33
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	21	23	26	30	48	45	29	36	51	50	47	26	36
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	21	17	14	20	36	36	22	32	47	40	37	25	28
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	19	19	14	24	40	33	32	30	49	45	42	25	32
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	16	11	24	40	32	20	22	38	38	35	20	26
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	17	19	21	25	42	38	21	27	46	44	37	19	30
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	17	15	11	16	31	30	17	28	38	32	31	20	24
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	13	15	9	21	34	30	24	22	40	36	31	18	24
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	12	9	18	34	26	18	18	35	33	32	16	22
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	12	13	16	19	37	33	18	22	39	35	32	15	24
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	12	11	7	13	26	28	15	23	31	26	24	15	19
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	12	11	7	16	30	26	19	18	35	30	26	14	20
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	6	4	10	25	22	14	14	24	24	17	10	15
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	6	4	10	28	25	12	16	27	24	19	9	16
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	5	4	2	6	18	19	9	11	16	17	13	6	11
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	4	6	3	7	19	23	14	13	23	20	16	8	13
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: BROUGHTON ISLAND, NWT, CANADA  
 LOCATION: 67 33'N 64 03'W  
 PREPARED BY: USAFETAC/ECR, JAN 1987

STATION #: 710960  
 ELEVATION (FEET): 15  
 PERIOD: 7707-8512 6 HRLY

ICAO ID: CYVM  
 LST - GMT: -4

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	2	6	7	1	0	0	0	1
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	2	7	7	2	#	0	0	2
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	0	0	3	4	7	3	#	0	0	1
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	1	1	6	4	2	#	0	0	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	15	14	20	17	14	3	7	18	25	23	11	15
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	15	11	12	18	22	13	5	9	20	21	27	13	16
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	17	18	15	11	16	11	4	6	16	25	26	21	16
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	16	22	14	18	17	12	3	7	14	28	27	18	16
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	5	2	1	3	1	#	1	3	4	7	5	3
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	2	1	1	3	1	#	#	4	3	4	3	2
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	4	5	1	2	2	2	#	#	3	3	4	3	2
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	4	3	2	1	3	1	1	3	1	2	7	5	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 @ - BASED ONLY ON AVAILABLE DATA, I.F., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512 6 HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	12	9	18	32	26	18	18	35	32	31	15	22
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	11	12	16	19	37	33	17	21	38	35	31	15	24
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	12	10	7	13	25	28	15	22	31	25	24	14	19
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	12	11	7	16	30	26	19	18	34	29	24	14	20
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	11	8	16	31	25	17	16	33	30	28	15	21
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	9	10	13	17	34	31	15	19	35	32	30	15	22
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	11	9	5	11	25	24	12	17	28	24	23	12	17
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	11	10	6	14	26	24	18	17	33	28	23	13	19
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	10	6	13	27	23	15	15	32	28	24	14	18
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	8	7	9	13	32	28	15	18	30	29	25	14	19
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	9	7	4	9	21	21	11	14	23	21	19	9	14
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	10	8	4	11	23	23	16	16	30	24	21	12	17
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	3	3	8	19	20	12	12	21	17	13	6	12
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	4	2	2	8	23	21	10	15	24	20	14	6	12
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	3	2	1	4	15	17	6	9	14	13	10	5	8
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	3	3	2	5	15	20	13	10	20	16	14	4	10
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BYRON BAY, NWT, CANADA  
 LOCATION: 68 45'N 109 05'W  
 PREPARED BY: USAFETAC/ECR, JAN 1987

STATION #: 719290  
 ELEVATION (FEET): 302  
 PERIOD: VARIED

ICAO ID: CYUK  
 LST - GMT: -7

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	3	13	7	20	29	42	66	73	69	61	34	18	15	73
MEAN DLY MAX	1	-19	-20	-17	-2	22	40	53	48	36	17	-3	-16	12
MEAN	1	-23	-24	-22	-7	17	37	48	44	32	13	-7	-20	8
MEAN DLY MIN	1	-27	-28	-26	-12	13	33	44	40	30	9	-11	-24	4
EXTREME MIN	3	-56	-50	-49	-38	-18	8	32	23	9	-19	-39	-48	-56
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32	1	31	28	31	30	31	15	0	5	20	31	30	31	283
# DAYS ≤ 0	1	30	27	31	25	6	0	0	0	0	7	25	31	182
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	3	.05	.04	.15	.14	.18	.19	.82	.79	.98	.59	.06	.06	4.0
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	3	*	*	*	1	1	1	2	3	3	3	*	*	14
# DAYS ≥ 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (05 LST)	1	76	75	75	79	89	89	87	92	94	89	80	75	84
RH (17 LST)	1	76	77	77	82	92	80	69	74	88	87	80	75	80
VAPOR PRESS	1	.02	.02	.02	.03	.10	.19	.26	.24	.18	.08	.03	.02	.11
DEWPOINT	1	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	NNW	NNW	NNW	ENE	ENE	E	E	E	E	N	N	NNW	NNW
MEAN SPEED														
(PVLG DRCTN)	1	17	16	17	15	12	11	11	11	12	13	14	15	14
MEAN SPEED														
(ALL OBS)	1	13	11	12	11	11	10	10	10	10	12	12	12	11
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	950	800	650	800	650	700	800	850	950	1100	1150	1000	1150
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	3	3	3	5	5	5	6	6	5	4	3	4
DAYS TSTMS	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7	1	4	6	4	6	8	3	3	3	6	7	4	5	59
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512 6 HRLY  
 2.  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMA Y 7 YR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	19	23	17	28	48	39	31	44	61	52	27	23	34
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	27	27	22	29	43	42	37	43	57	51	34	30	37
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	20	22	20	26	36	30	30	32	51	50	28	28	31
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	20	21	17	23	43	33	27	35	50	51	23	26	31
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	15	17	12	24	34	21	16	23	37	37	18	19	23
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	22	23	19	23	30	22	19	20	37	34	25	25	26
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	16	18	17	22	18	15	11	11	22	34	20	24	19
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	15	19	14	18	30	14	10	15	24	32	16	20	19
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	11	15	10	17	24	12	12	12	23	23	12	15	15
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	16	18	14	20	20	13	8	11	20	20	19	19	17
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	12	14	15	17	10	8	5	2	11	22	14	18	12
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	13	16	10	15	20	7	6	4	14	22	10	16	14
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	4	7	3	7	10	4	5	4	7	10	4	7	6
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	6	9	4	9	6	1	1	2	3	6	6	8	5
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	5	7	5	7	3	#	#	#	2	7	4	5	4
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	6	7	3	6	9	2	2	3	5	9	3	6	5
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: BYRON BAY, NWT, CANADA  
 LOCATION: 68 45'N 109 05'W  
 PREPARED BY: USAFETAC/ECR, JAN 1987

STATION #: 719290  
 ELEVATION (FEET): 302  
 PERIOD: 7707-8512 6 HRLY

ICAO ID: CYUK  
 LST - GMT: -7

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	#	4	9	9	4	0	0	0	3
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	2	9	9	5	#	0	0	2
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	#	3	10	8	3	#	0	0	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	2	5	8	8	3	0	0	0	2
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	12	11	12	10	11	5	0	2	11	25	14	10	11
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	3	5	6	7	8	6	0	1	11	19	12	8	7
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	8	6	6	8	8	5	#	0	7	14	14	10	7
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	10	9	13	12	8	2	0	2	5	20	10	12	9
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	5	6	3	4	1	1	1	1	1	5	5	4	3
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	4	3	2	3	2	2	2	3	2	4	3	5	3
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	5	5	4	5	1	1	1	2	3	3	3	4	3
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	5	3	3	3	2	1	1	1	1	4	4	5	3
ALL HOURS													



REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512 6 HRLY  
 2.  
 3.

5. % FREQ F CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	11	15	10	16	23	8	9	11	18	21	12	15	14
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	16	17	13	19	18	9	5	9	15	18	19	18	15
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	11	13	15	17	9	6	3	2	9	19	12	18	11
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	13	15	10	14	16	5	5	3	11	20	9	16	11
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	10	14	8	15	21	6	7	10	13	18	11	15	12
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	15	16	13	19	14	5	2	7	9	16	18	16	13
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	11	13	14	16	7	3	1	2	8	16	12	18	10
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	11	14	10	13	14	4	4	3	9	17	9	15	9
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	8	10	5	12	15	6	6	7	10	14	8	11	9
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	11	13	10	16	10	4	1	4	7	12	12	13	9
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	9	10	11	10	5	1	1	1	5	13	8	11	7
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	9	10	7	10	11	4	3	3	8	13	8	9	8
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	3	3	#	5	7	4	5	2	4	7	2	4	4
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	6	7	3	7	3	1	#	1	1	5	3	5	4
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	4	5	3	3	2	#	#	0	2	4	3	4	3
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	4	4	3	4	7	1	2	2	3	7	3	4	4
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CAMBRIDGE BAY, NWT, CANADA  
 LOCATION: 69°06'N, 105°07'W  
 PREPARED BY: USAFETAC/ECR, SEP 1987

STATION #: 719250  
 ELEVATION (FEET): 90  
 PERIOD: VARIED

ICAO ID: CYCB  
 LST - GMT -6

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	21	15	21	43	51	72	84	76	60	43	29	18	84
MEAN DLY MAX	2	-22	-24	-17	1	22	40	53	49	35	17	-4	-16	11
MEAN	2	-29	-30	-24	-7	15	35	46	44	31	11	-11	-22	5
MEAN DLY MIN	2	-37	-36	-32	-16	8	29	39	38	27	5	-18	-28	-1
EXTREME MIN	2	-63	-59	-55	-45	-31	0	29	25	1	-27	-44	-56	-63
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≥ 32	1	31	28	31	30	31	17	1	5	23	31	30	31	289
# DAYS ≤ 0	1	31	28	31	25	7	0	0	0	0	12	26	31	191
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	0	0	0	#	.04	.37	.77	1.08	.38	.04	#	0	2.68
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	#	0	0	.15	.18	.69	1.32	1.21	.70	.41	.01	#	1.32
# DAYS > 0.01	2	0	0	0	#	1	3	8	10	6	1	#	0	29
# DAYS ≥ 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	2	2.1	1.8	2.1	3.2	3.7	1.6	#	#	3.3	6.1	3.5	2.5	30.2
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	4.7	2.4	4.0	5.0	6.2	7.0	.6	1.1	3.8	8.2	6.0	4.0	8.2
# DAYS > 0.4	2	2	1	2	3	3	1	#	#	3	6	3	2	26
# DAYS ≥ 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (03 LST)	1	78	78	77	81	89	90	89	90	90	87	83	79	85
RH (15 LST)	1	78	77	77	82	85	75	70	73	82	87	82	78	79
VAPOR PRESS	1	.02	.02	.01	.03	.10	.18	.25	.24	.16	.08	.04	.02	.10
DEWPOINT	2	-26	-24	-25	-16	-12	31	40	39	27	8	-15	-25	2
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	2	NW	W	NW	NE	NW	N	W	W	N	NW	NW	W	NW
MEAN SPEED														
(PVLG DRCTN)	3	17	14	13	14	15	14	13	21	17	16	15	14	16
MEAN SPEED														
(ALL OBS)	3	15	13	13	13	13	14	13	14	15	15	13	13	14
MAX (PK GST)	2	58	59	52	50	55	65	50	59	63	65	55	69	69
PRESSURE ALT	1	1100	1050	850	800	950	650	650	700	900	1050	1400	850	1400
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SNOW (BS)														
CLD COVER	1	3	4	3	4	6	6	6	6	7	6	4	4	5
DAYS TSTMS	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7	1	4	4	5	6	12	7	6	6	9	10	5	3	77
DAYS BS < 7	2	14	10	9	6	4	1	0	0	1	7	8	10	70
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN  
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8512  
 2. PRINCIPAL STATION DATA PSD/DSP-75 (ATMOSPHERIC ENVIRONMENT SERVICE) 1953-1982  
 3. CANADIAN CLIMATE NORMALS 1955-1980

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	21	15	18	52	38	26	37	54	49	29	21	32
03-05 LST	24	23	15	20	54	43	29	40	57	48	26	22	33
06-08 LST	24	25	20	24	53	46	30	44	57	47	26	19	35
09-11 LST	24	31	25	22	47	41	31	48	60	45	28	21	35
12-14 LST	29	30	25	20	45	38	32	44	60	46	27	25	35
15-17 LST	25	28	22	19	43	39	31	37	56	44	26	25	33
18-20 LST	23	26	19	18	47	38	26	33	55	46	26	22	32
21-23 LST	21	23	17	19	49	34	22	34	56	47	27	23	31
ALL HOURS	24	26	20	20	49	40	28	40	57	47	27	22	33

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	19	12	12	39	22	13	17	35	34	21	18	22
03-05 LST	21	20	12	16	40	27	18	24	36	35	18	19	24
06-08 LST	20	23	18	20	39	30	21	30	38	33	18	15	25
09-11 LST	21	28	22	18	34	28	20	31	43	33	20	16	26
12-14 LST	26	27	23	17	32	24	16	21	38	34	21	21	25
15-17 LST	23	26	20	16	33	22	12	15	33	32	21	22	23
18-20 LST	21	23	18	15	34	20	10	12	32	33	20	18	21
21-23 LST	20	20	16	15	34	18	10	14	32	34	21	19	21
ALL HOURS	21	23	18	16	36	24	15	20	36	34	20	18	23

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	14	10	9	30	16	9	11	20	23	14	14	15
03-05 LST	15	14	8	11	31	21	14	16	21	23	11	14	17
06-08 LST	14	16	12	15	30	24	17	22	24	23	14	11	18
09-11 LST	15	22	18	12	25	19	13	20	29	25	14	11	19
12-14 LST	19	22	18	12	22	14	9	10	23	25	16	15	17
15-17 LST	17	19	16	12	22	11	6	7	17	24	15	15	15
18-20 LST	15	16	13	12	24	10	5	5	16	24	12	13	14
21-23 LST	15	13	12	11	25	11	6	8	17	21	14	14	14
ALL HOURS	16	17	13	12	26	16	10	12	21	24	14	13	16

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	4	2	1	9	2	2	1	3	4	3	3	3
03-05 LST	3	4	2	2	9	3	4	3	4	4	3	3	4
06-08 LST	3	2	2	3	6	3	3	3	4	4	3	3	3
09-11 LST	3	4	3	2	2	#	1	2	2	4	3	3	2
12-14 LST	4	5	4	2	2	#	1	#	1	5	4	4	3
15-17 LST	4	6	4	2	3	1	#	#	1	5	3	4	3
18-20 LST	3	5	3	1	4	1	#	#	1	5	2	3	2
21-23 LST	3	3	2	2	6	2	1	#	2	4	3	3	3
ALL HOURS	3	4	3	2	6	1	1	1	2	4	3	3	3

# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: CAMBRIDGE BAY, NWT, CANADA  
LOCATION: 69°06'N, 105°07'W  
PREPARED BY: USAFETAC/ECR, SEP 1987

STATION #: 719250  
ELEVATION (FEET): 90  
PERIOD: 7301-8512

ICAO ID: CYCB  
LST - GMT -6

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	1	5	12	14	1	#	0	0	3
03-05 LST	0	0	0	0	2	5	13	11	1	0	0	0	3
06-08 LST	0	0	0	0	2	5	13	15	1	#	0	0	3
09-11 LST	0	0	0	0	3	5	15	13	1	#	0	0	3
12-14 LST	0	0	0	0	2	5	13	11	#	1	0	0	3
15-17 LST	0	0	0	0	2	5	11	12	1	1	0	0	3
18-20 LST	0	0	0	0	2	5	11	12	1	1	0	0	3
21-23 LST	0	0	0	0	2	4	11	14	1	#	0	0	3
ALL HOURS	0	0	0	0	2	5	12	13	1	#	0	0	3

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	80	80	72	55	21	6	#	3	19	49	60	80	44
03-05 LST	81	82	77	58	25	8	0	3	20	49	60	80	45
06-08 LST	79	81	76	53	26	10	#	3	18	48	57	81	44
09-11 LST	75	81	76	51	27	9	0	3	19	43	54	80	43
12-14 LST	75	72	71	47	25	8	#	3	18	40	51	77	41
15-17 LST	76	71	69	47	23	7	0	2	16	39	50	80	40
18-20 LST	77	73	67	46	21	6	#	2	14	41	56	79	40
21-23 LST	78	79	73	47	20	7	#	2	18	44	58	78	42
ALL HOURS	78	77	73	51	23	8	#	3	18	44	56	80	42

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	8	6	6	6	4	2	4	7	9	8	7	6
03-05 LST	10	6	6	5	6	5	2	6	7	9	9	7	6
06-08 LST	10	6	5	6	6	6	4	6	6	10	10	7	7
09-11 LST	10	8	8	7	7	6	6	8	9	10	10	7	8
12-14 LST	10	9	9	8	8	6	6	9	10	12	10	8	9
15-17 LST	10	6	8	9	9	7	7	7	10	11	7	8	8
18-20 LST	10	8	7	6	8	5	6	7	8	9	8	7	7
21-23 LST	10	8	6	5	8	5	4	4	8	9	7	8	7
ALL HOURS	10	7	7	6	7	6	5	6	8	10	9	7	7

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 φ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8512  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	13	9	8	26	14	8	9	16	20	13	14	14
03-05 LST	14	14	8	10	27	18	13	15	18	20	11	13	15
06-08 LST	14	16	12	14	27	20	15	20	20	20	12	10	17
09-11 LST	15	22	18	12	21	14	10	16	25	23	13	10	16
12-14 LST	19	22	17	12	18	9	7	7	18	21	15	15	15
15-17 LST	17	19	16	11	18	7	4	4	12	20	13	14	13
18-20 LST	15	16	13	11	20	7	4	3	12	21	11	13	12
21-23 LST	14	13	12	11	21	8	5	7	14	18	13	14	12
ALL HOURS	15	17	13	11	22	12	8	10	17	21	13	13	14

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	11	7	6	19	8	4	5	10	12	9	11	9
03-05 LST	11	10	7	8	21	11	9	8	12	12	8	10	11
06-08 LST	11	11	9	9	19	11	9	10	13	13	9	8	11
09-11 LST	12	17	14	9	14	7	6	8	13	15	9	8	11
12-14 LST	15	17	14	9	11	3	3	3	8	14	11	12	10
15-17 LST	14	15	12	8	11	3	1	2	5	14	11	10	9
18-20 LST	11	13	10	8	13	3	2	2	6	14	8	8	8
21-23 LST	11	10	8	8	15	5	3	3	7	12	9	10	8
ALL HOURS	12	13	10	8	15	6	5	5	9	13	9	10	10

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	9	5	3	14	5	3	2	6	8	6	6	6
03-05 LST	8	8	5	5	15	7	8	5	8	9	6	7	8
06-08 LST	8	8	5	6	13	6	6	6	7	8	7	6	7
09-11 LST	9	11	8	6	8	2	2	3	5	10	7	6	6
12-14 LST	11	11	10	6	6	1	1	1	3	10	9	8	6
15-17 LST	10	11	9	6	5	1	#	#	2	9	8	8	6
18-20 LST	8	10	7	5	8	2	1	1	3	9	6	7	5
21-23 LST	8	8	6	6	11	3	2	2	4	7	6	7	6
ALL HOURS	9	9	7	5	10	3	3	3	5	9	7	7	6

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	1	#	5	#	#	1	2	2	1	1	1
03-05 LST	2	1	#	1	4	1	2	1	2	2	1	3	2
06-08 LST	2	1	1	1	2	#	#	1	1	2	1	2	1
09-11 LST	2	2	1	1	1	0	0	1	1	2	1	2	1
12-14 LST	3	3	2	1	1	#	#	0	#	3	2	2	1
15-17 LST	2	2	2	1	1	#	0	0	#	2	2	2	1
18-20 LST	1	2	2	1	1	#	#	#	1	2	1	2	1
21-23 LST	2	2	1	1	3	1	1	#	1	2	1	2	1
ALL HOURS	2	2	1	1	2	#	#	1	1	2	1	2	1

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CAPE DYER, NWT, CANADA  
 LOCATION: 66°35'N, 61°37'W  
 PREPARED BY: USAFETAC/ECR, SEP 1987

STATION #: 710940  
 ELEVATION (FEET): 1288  
 PERIOD: VARIED

ICAO ID: CYVN  
 LST - GMT -4

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	34	36	37	50	49	64	67	66	60	47	37	42	67
MEAN DLY MAX	2	1	0	0	13	28	38	47	46	35	25	13	4	21
MEAN	2	-6	-9	-9	4	21	32	41	40	29	18	6	-5	13
MEAN DLY MIN	2	-16	-17	-18	-5	15	27	35	35	24	11	-2	-13	6
EXTREME MIN	2	-47	-42	-53	-37	-19	7	22	14	-2	-24	-39	-49	-53
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32	1	31	28	31	30	31	24	8	10	25	31	30	31	310
# DAYS ≤ 0	1	26	25	27	18	2	0	0	0	#	3	16	25	142
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	.02	.01	#	#	.02	.33	1.41	1.58	.58	.18	.04	.01	4.13
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	.26	.16	.03	.11	.82	1.97	1.76	1.72	1.19	1.13	.57	.06	1.97
# DAYS > 0.01	2	#	#	#	#	1	2	8	8	3	1	1	#	24
# DAYS ≤ 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	2	28.9	23.0	13.5	19.9	21.1	11.3	2.7	4.2	22.3	39.0	26.8	24.4	237.1
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	26.8	21.8	21.6	16.4	31.7	16.1	5.2	8.5	23.2	28.4	15.3	19.0	31.7
# DAYS > 0.4	2	8	7	5	7	8	5	2	2	7	12	10	7	80
# DAYS ≤ 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (00 LST)	1	75	71	71	74	70	81	77	73	78	81	78	73	76
RH (13 LST)	1	75	73	73	78	83	86	86	84	84	83	79	73	80
VAPOR PRESS	1	.03	.03	.03	.05	.10	.16	.21	.20	.15	.10	.06	.03	.10
DEWPOINT	2	-12	-14	-14	0	17	28	35	34	25	15	2	-9	9
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	2	WNW	WNW	E	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW
MEAN SPEED (PVLG DRCTN)	3	24	22	17	18	17	16	12	12	16	17	19	23	18
MEAN SPEED (ALL OBS)	3	10	9	8	8	8	7	6	7	7	9	9	9	8
MAX (PK GST)	2	87	96	86	96	83	70	54	61	57	87	82	87	96
PRESSURE ALT	1	2600	2850	2450	2150	2000	2150	2350	2150	2200	2250	2300	2750	2850
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SNOW (BS)														
CLD COVER	1	4	4	3	4	6	5	5	6	7	7	5	4	5
DAYS TSMS	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7	2	4	4	2	4	11	11	10	10	9	8	4	3	80
DAYS BS < 7	2	9	9	5	5	3	1	#	#	3	7	9	11	62
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN  
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 6601-8312  
 2. PRINCIPAL STATION DATA PSD/DSP-101 (ATMOSPHERIC ENVIRONMENT SERVICE)  
 3. CANADIAN CLIMATE NORMALS 1959-1980

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	20	15	23	41	35	26	24	27	37	29	24	27
03-05 LST	24	18	14	23	42	34	25	25	32	37	32	25	28
06-08 LST	24	19	13	27	43	32	26	27	33	36	31	25	28
09-11 LST	23	18	16	26	44	31	26	25	27	37	31	25	27
12-14 LST	22	19	15	27	41	32	27	24	29	35	30	24	27
15-17 LST	22	20	18	28	37	30	29	21	29	35	29	25	27
18-20 LST	24	19	17	25	36	30	29	22	29	34	30	24	26
21-23 LST	24	18	15	25	40	34	29	23	29	35	29	23	27
ALL HOURS	23	19	15	26	41	32	27	24	29	36	30	24	27

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	16	13	17	31	24	16	13	17	20	21	18	19
03-05 LST	19	15	11	16	33	25	18	15	21	24	23	19	20
06-08 LST	18	16	11	19	32	23	17	18	22	26	21	22	21
09-11 LST	19	16	12	19	34	23	18	16	17	23	22	21	20
12-14 LST	18	16	13	18	32	23	18	15	21	23	21	19	20
15-17 LST	18	16	14	21	30	20	20	14	19	24	20	19	20
18-20 LST	19	15	14	18	29	20	19	13	19	22	20	17	19
21-23 LST	19	15	12	18	28	22	17	14	19	22	19	19	19
ALL HOURS	19	16	13	18	31	22	18	15	19	23	21	19	20

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	13	9	12	20	17	11	8	12	15	17	15	14
03-05 LST	15	11	9	12	22	17	13	12	14	18	16	15	15
06-08 LST	15	12	7	14	25	17	14	15	17	18	15	17	16
09-11 LST	15	12	8	14	25	18	15	13	13	16	15	17	16
12-14 LST	14	13	11	13	25	19	15	12	15	18	14	16	16
15-17 LST	14	11	11	15	22	15	16	10	15	18	15	15	16
18-20 LST	15	12	11	13	20	16	15	10	13	18	15	14	15
21-23 LST	16	11	10	14	18	17	10	10	13	17	14	16	15
ALL HOURS	15	12	10	13	22	17	13	11	14	17	15	16	15

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	6	3	3	4	7	2	2	3	5	6	5	4
03-05 LST	5	4	4	3	5	6	4	4	3	4	4	5	4
06-08 LST	5	4	3	3	6	7	5	6	4	5	4	5	5
09-11 LST	5	5	2	3	7	8	7	6	4	5	3	5	5
12-14 LST	5	4	3	4	8	10	5	5	5	5	5	5	5
15-17 LST	4	3	4	5	7	6	6	4	4	5	5	5	5
18-20 LST	6	4	4	3	5	6	4	3	3	5	6	4	4
21-23 LST	7	4	3	3	4	6	3	4	3	5	4	6	4
ALL HOURS	5	4	3	3	6	7	5	4	3	5	5	5	5

# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: CAPE DYER, NWT, CANADA  
 LOCATION: 66°35'N, 61°34'W  
 PREPARED BY: USAFETAC/ECR, SEP 1987

STATION #: 710940  
 ELEVATION (FEET): 1288  
 PERIOD: 6601-8312

ICAO ID: CYVN  
 LST = GMT -4

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	#	#	#	4	13	10	4	1	0	0	3
03-05 LST	#	0	0	0	#	4	15	12	4	1	0	0	3
06-08 LST	#	0	#	0	#	3	14	11	5	1	#	#	3
09-11 LST	0	#	#	#	#	3	15	10	4	1	#	0	3
12-14 LST	0	0	0	0	#	3	14	10	4	1	#	0	3
15-17 LST	0	0	0	0	#	4	15	11	5	1	#	0	3
18-20 LST	0	0	0	#	1	4	15	11	5	1	0	#	3
21-23 LST	0	#	#	#	#	4	14	10	4	1	0	0	3
ALL HOURS	#	#	#	#	#	4	15	11	4	1	#	#	3

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	31	35	31	33	34	18	5	6	22	36	35	30	26
03-05 LST	38	38	34	36	35	17	5	8	21	34	38	36	28
06-08 LST	39	40	37	40	35	16	5	8	24	36	37	34	29
09-11 LST	39	43	44	43	34	15	5	8	24	37	37	37	30
12-14 LST	37	42	45	44	34	19	5	7	24	37	38	35	31
15-17 LST	38	43	41	39	33	20	5	7	24	38	38	37	30
18-20 LST	37	39	33	36	34	22	6	7	26	37	37	35	29
21-23 LST	32	36	31	31	33	19	6	7	22	38	35	30	27
ALL HOURS	37	39	37	38	34	18	5	7	23	37	37	34	29

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	10	6	5	4	1	1	2	6	6	9	14	6
03-05 LST	10	11	6	4	4	1	1	2	5	6	8	13	6
06-08 LST	11	12	7	4	6	1	1	2	5	7	9	13	6
09-11 LST	12	10	6	4	5	2	1	2	6	7	8	13	6
12-14 LST	12	9	7	4	6	2	1	2	6	5	7	12	6
15-17 LST	12	10	7	4	5	2	2	2	6	5	9	12	6
18-20 LST	11	11	6	4	4	2	2	2	6	6	9	12	6
21-23 LST	9	10	6	4	4	2	2	3	4	5	9	12	6
ALL HOURS	11	10	6	4	5	2	1	2	6	6	9	13	6



REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 6601-8312  
 2. PRINCIPAL STATION DATA PSD/DSP-101 (ATMOSPHERIC ENVIRONMENT SERVICE)  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	13	9	12	19	16	10	7	11	15	17	14	13
03-05 LST	14	10	9	11	20	15	11	11	14	17	16	15	14
06-08 LST	15	11	7	14	22	17	12	14	16	17	13	16	14
09-11 LST	14	12	8	14	23	17	14	12	12	15	14	17	14
12-14 LST	14	12	10	12	23	19	13	12	14	17	13	16	14
15-17 LST	13	12	10	15	21	14	14	9	14	17	14	15	14
18-20 LST	15	11	11	13	18	14	13	8	11	16	14	14	13
21-23 LST	15	10	10	14	17	15	9	8	13	16	14	15	13
ALL HOURS	14	11	9	13	20	16	12	10	13	16	14	15	14

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	11	8	11	15	14	7	5	9	13	15	13	11
03-05 LST	12	8	7	9	15	12	9	8	11	14	13	13	11
06-08 LST	13	10	6	10	17	14	10	11	13	14	11	15	12
09-11 LST	13	10	7	11	18	15	11	10	10	13	10	16	12
12-14 LST	12	11	8	11	19	16	10	10	13	15	11	14	13
15-17 LST	11	11	9	13	18	12	11	8	11	15	12	14	12
18-20 LST	13	10	9	12	15	12	10	6	9	14	12	12	11
21-23 LST	14	9	9	11	13	13	7	6	11	14	11	14	11
ALL HOURS	13	10	8	11	16	13	9	8	11	14	12	14	12

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	9	6	8	10	12	4	3	6	10	12	10	8
03-05 LST	10	6	5	8	11	10	7	6	8	11	11	10	9
06-08 LST	10	8	4	7	14	12	6	9	10	10	9	12	9
09-11 LST	10	8	4	8	14	13	9	8	7	10	8	11	9
12-14 LST	9	8	6	9	15	14	8	9	8	12	8	12	10
15-17 LST	8	7	7	10	15	10	9	6	9	12	10	11	10
18-20 LST	10	8	7	9	10	9	7	4	11	11	11	11	9
21-23 LST	11	7	6	7	9	9	4	4	5	11	8	11	8
ALL HOURS	10	8	6	8	12	11	7	6	8	10	10	11	9

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	4	2	1	2	5	1	1	1	2	3	2	2
03-05 LST	2	3	2	1	2	3	2	2	1	2	2	2	2
06-08 LST	3	2	2	2	3	5	4	4	2	2	2	2	3
09-11 LST	3	3	1	2	5	6	5	3	2	2	2	2	3
12-14 LST	3	3	2	3	6	7	3	4	2	2	2	2	3
15-17 LST	2	2	2	3	5	4	3	2	1	3	3	2	3
18-20 LST	3	2	3	2	3	3	2	2	2	2	3	2	2
21-23 LST	4	3	2	1	2	3	1	1	1	3	3	2	2
ALL HOURS	3	3	2	2	4	4	3	2	2	2	2	2	3

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CAPE HOOPER, NWT, CANADA  
 LOCATION: 68 26'N 66 47'W  
 PREPARED BY: USAFETAC/ECR, JAN 1987

STATION #: 710930  
 ELEVATION (FEET): 1316  
 PERIOD: VARIED

ICAO ID: CYUZ  
 LST - GMT: -4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 3	28	31	24	25	36	53	66	61	55	35	27	26	66
MEAN DLY MAX 1	-9	-15	-9	2	20	35	43	41	30	21	7	-4	14
MEAN 1	-12	-17	-12	-1	17	32	39	37	28	18	4	-7	11
MEAN DLY MIN 1	-14	-20	-15	-4	14	29	36	35	27	16	2	-10	9
EXTREME MIN 3	-39	-37	-38	-29	-9	17	22	23	13	-12	-12	-32	-39
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 32 1	32	28	31	30	31	21	13	14	26	30	30	31	317
# DAYS < 0 1	28	27	28	20	2	0	0	0	0	1	13	27	146
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN 3	.33	.47	.19	.69	1.36	.65	.17	1.09	.88	.81	.46	.49	7.6
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01 3	1	2	1	3	4	2	1	4	4	4	2	1	29
# DAYS > 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (07 LST) 1	76	74	76	79	88	88	82	86	93	89	84	77	83
RH (13 LST) 1	75	73	75	79	88	87	79	82	91	89	84	78	82
VAPOR PRESS 1	.02	.02	.02	.04	.09	.16	.20	.19	.15	.10	.05	.03	.09
DEWPOINT	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN SPEED (PVLG DRCTN)	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN SPEED (ALL OBS)	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	2350	2400	2200	1950	1900	1900	2000	1900	2050	2100	2300	2400	2400
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS TSTMS 1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7 1	7	4	8	8	13	13	10	10	13	9	7	8	118
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7701-8512 6 HRLY  
 2.  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARY 7 YR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	26	19	24	33	50	43	36	33	53	54	53	39	39
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	26	22	21	34	54	47	38	44	59	58	54	34	41
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	28	24	22	31	44	48	35	38	56	50	48	45	39
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	27	20	21	34	46	44	38	38	55	57	48	37	39
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	16	19	27	43	36	28	26	42	42	40	28	30
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	21	17	21	30	43	42	32	31	47	42	46	26	33
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	23	19	19	24	39	43	28	30	47	39	43	33	32
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	23	17	17	30	41	33	30	27	43	42	40	28	32
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	12	15	23	39	36	27	22	37	32	31	24	26
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	17	12	14	24	39	37	29	27	43	33	36	23	28
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	18	15	15	20	36	38	25	27	41	32	37	29	28
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	20	13	14	24	37	37	26	24	39	34	30	24	27
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	4	5	9	31	29	26	19	33	21	16	11	18
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	4	5	12	28	33	27	22	37	19	15	11	19
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	5	4	3	12	26	29	21	23	33	22	15	16	17
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	7	3	5	11	29	27	22	21	35	22	13	12	17
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: CAPE HOOPER, NWT, CANADA  
 LOCATION: 68 28'N 66 47'W  
 PREPARED BY: USAFETAC/ECR, JAN 1987

STATION #: 710930  
 ELEVATION (FEET): 1316  
 PERIOD: 7701-8512 6 HRLY

ICAO ID: CYUZ  
 LST - GMT: -4

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	11	16	15	13	8	6	8	18	23	16	12	13
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	11	8	15	12	12	5	5	9	16	21	18	11	12
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	10	8	14	12	13	3	3	11	14	19	16	11	11
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	10	8	15	13	13	6	4	8	12	18	16	13	12
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512 6 HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	11	13	22	38	35	27	22	37	30	30	24	25
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	15	12	14	23	38	36	29	27	43	32	32	21	26
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	18	14	14	20	35	38	24	26	40	32	34	28	26
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	18	13	14	24	37	31	25	23	38	33	27	22	24
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	10	11	22	38	33	26	21	36	26	26	20	23
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	11	10	13	22	35	35	28	26	42	29	29	19	25
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	16	11	13	19	34	36	23	26	39	29	30	25	25
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	17	9	12	23	35	30	24	23	37	29	24	19	24
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	8	8	15	36	31	26	21	36	25	22	16	22
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	9	8	9	18	32	34	28	24	40	26	21	14	22
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	11	7	7	15	32	34	22	25	36	24	24	22	22
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	12	7	9	17	33	30	22	22	36	26	18	15	21
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	3	6	27	27	23	16	29	16	11	8	14
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	1	4	10	23	31	25	20	32	14	11	8	16
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	3	2	2	8	23	26	20	20	30	17	12	10	14
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	5	2	3	7	26	24	20	17	31	19	10	7	14
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CAPE PARRY, NWT, CANADA  
 LOCATION: 70°10'N, 124°41'W  
 PREPARED BY: USAFETAC/ECR, SEP 1987

STATION #: 719480  
 ELEVATION (FEET): 57  
 PERIOD: VARIED

ICAO ID: CZUE  
 LST - GMT -7

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	28	21	23	38	52	69	75	70	65	42	38	25	75
MEAN DLY MAX	2	-14	-16	-11	5	25	39	48	46	37	24	4	-8	15
MEAN	2	-20	-21	-18	-2	20	35	42	42	33	20	-1	-13	10
MEAN DLY MIN	2	-26	-27	-24	-9	14	30	36	37	30	16	-6	-18	4
EXTREME MIN	2	-53	-53	-46	-38	-18	10	25	25	9	-19	34	-43	-53
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≥ 32	1	31	28	31	30	31	19	4	6	17	31	30	31	289
# DAYS ≤ 0	1	29	27	31	22	3	0	0	0	0	3	18	29	162
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	#	#	#	#	.05	.46	.65	1.04	.45	.04	#	#	2.69
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	.02	#	#	.04	.25	1.08	1.39	1.24	.55	.40	.01	#	1.39
# DAYS > 0.01	2	#	0	0	#	1	4	7	10	6	1	#	0	29
# DAYS ≤ 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	2	3.9	3.2	4.2	5.2	4.7	1.2	.3	.6	5.7	10.6	5.9	3.9	49.6
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	3.2	4.3	3.7	5.2	6.0	2.3	3.2	1.7	4.7	5.5	4.0	2.7	6.0
# DAYS > 0.4	2	3	3	3	5	4	1	#	#	5	9	5	4	42
# DAYS ≤ 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (15 LST)	1	77	76	71	80	86	84	79	82	86	85	83	78	81
RH (04 LST)	1	77	76	76	81	88	90	90	91	90	86	83	77	84
VAPOR PRESS	1	.02	.02	.02	.04	.10	.18	.23	.24	.18	.10	.05	.02	.10
DEWPOINT	2	-23	-24	-22	-6	17	32	38	38	30	17	-4	-17	6
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	2	W	W	E	E	E	E	E	E	E	E	E	W	E
MEAN SPEED (PVLG DRCTN)	3	13	12	15	16	16	15	12	14	15	16	16	12	15
MEAN SPEED (ALL OBS)	3	11	10	10	10	11	11	10	10	11	12	11	10	11
MAX (PK GST)	2	54	50	49	53	43	43	46	53	54	54	52	46	54
PRESSURE ALT	1	1000	950	750	500	500	600	700	700	700	900	900	900	1000
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SNOW (BS)														
CLD COVER	1	5	4	4	5	6	6	6	6	6	6	5	4	5
DAYS TSTMS	2	0	0	0	0	0	0	0	#	0	0	#	0	#
DAYS FOG < 7	2	2	2	2	4	8	11	11	10	7	3	2	1	63
DAYS BS < 7	2	11	8	9	7	3	#	0	0	1	8	10	11	68
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN  
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7701-8312  
 2. PRINCIPAL STATION DATA PSD/DSP-102 1951-1983 (ATMOSPHERIC ENVIRONMENT SERVICE)  
 3. CANADIAN CLIMATE NORMALS 1956-1980

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	25	16	22	49	38	31	47	56	58	37	19	35
03-05 LST	28	23	14	22	46	35	27	44	53	58	37	21	34
06-08 LST	28	24	15	20	47	32	25	43	53	60	38	20	34
09-11 LST	22	23	14	23	47	33	25	42	52	60	36	16	33
12-14 LST	24	21	13	26	48	32	27	44	53	58	35	16	33
15-17 LST	21	17	13	25	49	34	33	48	51	54	32	16	33
18-20 LST	20	18	14	27	53	38	35	49	56	55	31	19	35
21-23 LST	20	21	16	26	51	38	34	50	55	59	33	17	35
ALL HOURS	25	22	14	24	49	35	30	46	54	58	33	18	34

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	22	14	19	42	32	25	36	41	31	27	14	27
03-05 LST	22	20	12	18	38	29	23	34	37	33	27	16	26
06-08 LST	23	23	13	16	39	27	21	31	40	36	29	14	26
09-11 LST	19	21	14	17	39	26	20	32	41	40	30	12	26
12-14 LST	21	17	12	21	41	25	22	35	41	37	27	12	26
15-17 LST	17	15	12	20	43	27	27	36	38	32	24	11	25
18-20 LST	17	15	12	23	46	32	28	41	42	32	24	13	27
21-23 LST	17	18	14	22	45	32	28	39	42	32	23	13	27
ALL HOURS	19	19	13	19	41	29	24	36	40	34	23	13	26

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	17	10	14	34	26	21	29	29	18	17	8	20
03-05 LST	18	17	9	13	31	23	16	26	26	18	18	10	18
06-08 LST	18	17	10	11	32	21	15	23	30	18	19	9	18
09-11 LST	15	15	9	13	30	21	17	23	32	20	17	8	18
12-14 LST	17	12	9	15	31	21	19	28	31	18	17	8	19
15-17 LST	13	12	8	15	33	22	23	27	27	16	17	7	18
18-20 LST	14	11	9	18	38	26	24	29	30	18	14	8	20
21-23 LST	13	14	9	18	36	28	23	29	32	17	15	8	20
ALL HOURS	15	14	9	15	33	23	20	27	30	18	17	8	19

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	6	3	4	5	3	4	4	3	2	4	1	4
03-05 LST	6	7	3	3	3	3	2	2	2	2	3	2	3
06-08 LST	5	7	4	3	4	2	3	5	5	2	2	2	4
09-11 LST	4	5	2	3	5	3	4	7	6	1	2	2	4
12-14 LST	5	4	2	4	6	6	6	6	6	2	3	2	4
15-17 LST	3	4	2	5	9	7	9	8	4	2	2	1	5
18-20 LST	2	2	2	7	13	6	12	8	5	1	2	1	5
21-23 LST	2	2	2	4	9	5	8	7	3	3	3	1	5
ALL HOURS	4	5	2	4	7	4	6	5	4	2	3	2	3

# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: CAPE PARRY, NWT, CANADA  
 LOCATION: 70°10'N, 124°41'W  
 PREPARED BY: USAFETAC/ECR, SEP 1987

STATION #: 719480  
 ELEVATION (FEET): 57  
 PERIOD: 7301-8312

ICAO ID: CZUE  
 LST - GMT -7

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	#	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	#	0	0	0	0	#

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	1	7	10	12	11	1	0	0	4
03-05 LST	0	0	0	#	1	8	11	12	11	#	0	0	4
06-08 LST	0	0	0	0	1	8	13	14	11	#	0	0	4
09-11 LST	0	0	0	0	1	8	15	16	11	1	0	0	4
12-14 LST	0	0	0	0	2	6	12	12	10	1	0	0	3
15-17 LST	0	0	0	#	1	6	9	11	8	1	0	0	3
18-20 LST	0	0	0	0	2	4	9	11	8	1	0	0	3
21-23 LST	0	0	0	0	1	5	9	15	10	1	0	0	3
ALL HOURS	0	0	0	#	1	7	11	13	10	1	0	0	4

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	61	55	50	36	20	4	#	5	14	51	52	61	34
03-05 LST	63	58	53	40	23	7	#	5	16	51	53	62	36
06-08 LST	62	63	55	38	26	8	1	4	16	53	54	64	37
09-11 LST	62	59	47	38	25	7	1	4	17	50	53	65	35
12-14 LST	55	44	42	34	25	5	1	4	18	48	48	60	32
15-17 LST	50	38	35	28	21	4	#	2	15	43	45	59	28
18-20 LST	62	49	32	26	20	3	#	2	13	48	56	62	28
21-23 LST	63	56	41	30	21	3	#	3	14	54	56	61	34
ALL HOURS	60	53	44	34	23	5	#	4	15	50	52	62	33

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	5	4	4	4	1	1	2	5	7	8	4	4
03-05 LST	7	5	4	4	4	1	1	4	6	7	8	3	4
06-08 LST	6	6	3	5	5	1	#	3	8	8	9	3	5
09-11 LST	5	7	4	6	6	2	1	3	5	8	7	3	5
12-14 LST	5	8	8	6	6	8	3	1	3	5	5	4	5
15-17 LST	6	8	6	5	9	3	1	4	6	7	6	4	5
18-20 LST	7	7	5	5	9	4	2	4	5	7	7	3	5
21-23 LST	7	5	5	5	8	3	1	3	6	8	9	4	5
ALL HOURS	6	6	5	5	7	2	1	3	6	7	7	3	5



REMARKS: \* - DATA NOT AVAILABLE, # - C.O < 0.5, MI - STATUTE MILES  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8512  
 2. PRINCIPAL STATION DATA PSD/DSP-102 1951-1983 (ATMOSPHERIC ENVIRONMENT SERVICE)  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	17	10	13	30	23	17	24	24	13	14	8	17
03-05 LST	17	16	8	12	26	20	15	23	21	14	16	9	17
06-08 LST	17	17	10	10	25	19	13	20	25	13	17	8	16
09-11 LST	15	15	9	12	26	18	15	20	26	17	16	7	16
12-14 LST	16	12	9	15	25	19	16	24	27	13	15	8	17
15-17 LST	13	12	8	15	29	22	21	22	23	13	14	7	17
18-20 LST	13	11	9	17	33	24	21	24	25	13	12	7	17
21-23 LST	13	13	9	17	33	24	20	25	26	13	12	7	18
ALL HOURS	15	14	9	14	28	21	17	23	25	14	14	8	17

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	15	8	11	21	17	14	16	13	8	11	5	13
03-05 LST	13	15	7	9	16	14	11	14	12	9	11	7	12
06-08 LST	14	14	8	7	16	15	10	12	14	8	12	6	11
09-11 LST	12	12	7	9	16	15	11	14	16	10	11	6	12
12-14 LST	12	10	7	11	19	16	14	17	18	8	11	6	12
15-17 LST	11	10	7	12	23	16	18	15	16	7	10	5	13
18-20 LST	11	9	7	13	27	20	18	16	15	8	9	6	13
21-23 LST	10	10	7	15	25	19	17	18	16	7	8	5	13
ALL HOURS	12	12	7	11	20	17	14	15	15	8	10	6	12

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	12	6	7	11	10	9	9	8	5	7	3	8
03-05 LST	10	12	5	7	8	7	7	6	7	5	7	5	7
06-08 LST	10	11	5	6	9	7	7	7	9	5	7	4	7
09-11 LST	9	9	5	7	10	9	7	9	10	4	7	3	8
12-14 LST	9	7	4	9	10	10	11	11	12	5	7	3	8
15-17 LST	8	7	4	9	15	12	14	10	9	5	7	3	8
18-20 LST	7	7	5	11	20	14	15	12	9	5	5	4	10
21-23 LST	8	8	5	10	17	13	12	12	8	4	6	4	9
ALL HOURS	9	9	5	8	13	10	10	9	9	5	7	4	8

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	4	2	2	1	1	#	2	2	1	1	#	1
03-05 LST	2	4	2	2	1	1	1	#	1	1	1	1	1
06-08 LST	2	4	2	1	1	#	#	1	1	1	#	1	1
09-11 LST	2	3	1	2	1	1	1	1	2	1	#	#	1
12-14 LST	1	2	1	2	2	3	2	2	2	1	1	#	2
15-17 LST	1	2	1	3	4	3	4	4	1	1	1	#	2
18-20 LST	#	2	1	2	5	3	4	5	2	#	#	#	2
21-23 LST	#	2	1	2	3	1	3	3	1	1	1	#	2
ALL HOURS	1	3	1	2	2	2	2	2	2	1	1	#	2

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CAPE YOUNG MNT, CANADA  
 LOCATION: 68 56'N, 116 56'W  
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 719390  
 ELEVATION (FEET): 52  
 PERIOD: VARIED

ICAO ID: CYUI  
 LST - GMT: -7

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 3	8	4	10	27	43	59	72	69	55	35	22	15	72
MEAN DLY MAX 1	-11	-14	-12	4	26	42	50	50	40	24	5	-10	17
MEAN 1	-18	-19	-18	-3	20	36	43	44	35	20	-1	-15	12
MEAN DLY MIN 1	-24	-26	-24	-10	13	32	38	39	32	15	-7	-21	6
EXTREME MIN 3	-45	-46	-43	-35	-13	19	30	31	20	-5	-31	-38	-46
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	31	30	31	16	3	2	17	31	30	31	281
# DAYS ≤ 0 1	30	28	31	23	6	0	0	0	0	4	21	30	173
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN 3	.14	.16	.12	.27	.13	.30	1.03	1.54	.92	.52	.36	.20	5.7
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01 3	#	#	#	1	#	1	3	4	3	2	2	#	16
# DAYS ≥ 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN 3	1.4	1.6	1.2	2.7	1.2	.2	0	.7	1.7	5.1	3.6	2.0	21.4
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 1.5 3	0	#	#	1	#	0	0	#	#	1	1	#	3
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (03 LST) 1	78	78	75	81	90	92	92	90	91	88	82	78	85
RH (13 LST) 1	78	77	78	84	89	83	80	78	84	87	82	78	82
VAPOR PRESS 1	.02	.02	.02	.04	.11	.19	.25	.25	.18	.10	.05	.02	.11
DEWPOINT	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	W	NW	NW	ESE	E	E	NW	NW	ESE	SE	NW	NW	NW
MEAN SPEED (PVLG DRCTN) 1	7	17	15	11	9	8	13	15	13	12	17	20	15
MEAN SPEED (ALL OBS) 1	11	10	9	9	8	9	10	11	11	12	11	11	10
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	700	650	450	600	500	400	500	700	750	900	1150	900	1150
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	3	4	3	4	5	5	5	6	6	6	5	3	5
DAYS TSTMS 1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7 1	4	4	4	5	10	6	12	10	7	5	4	3	74
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DICTN  
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512  
 2.  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARIES 8YR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	21	14	12	21	44	35	39	47	44	57	36	18	32
06-08 LST	21	16	11	21	44	34	40	51	53	58	36	18	34
09-11 LST	22	20	13	21	42	33	39	49	58	61	39	21	34
12-14 LST	20	24	12	21	42	32	33	45	58	62	39	23	33
15-17 LST	20	21	14	20	41	29	31	41	53	61	37	25	33
18-20 LST	19	19	13	17	41	28	28	43	51	59	34	24	31
21-23 LST	23	16	12	18	46	28	35	44	45	55	33	25	32
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	15	10	9	12	31	19	28	28	24	32	22	12	20
06-08 LST	15	12	9	16	31	23	30	33	29	34	23	11	22
09-11 LST	16	17	10	16	29	21	29	32	30	38	26	14	23
12-14 LST	16	19	10	14	30	22	24	27	33	37	29	18	25
15-17 LST	16	18	11	14	28	18	22	24	28	37	25	20	22
18-20 LST	14	17	12	11	28	16	17	26	26	36	23	19	20
21-23 LST	17	14	12	12	30	18	21	25	25	33	16	18	20
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	13	8	7	8	24	13	21	17	13	17	12	10	14
06-08 LST	12	8	7	11	24	15	23	20	18	19	14	8	15
09-11 LST	14	13	8	10	20	12	21	20	20	23	16	11	16
12-14 LST	13	14	7	10	19	13	19	17	19	26	19	12	16
15-17 LST	14	14	9	10	18	11	17	15	18	21	15	15	15
18-20 LST	12	15	10	8	20	9	13	13	16	21	15	15	14
21-23 LST	13	12	8	7	16	10	12	11	14	19	9	14	12
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	6	3	2	4	8	5	10	5	5	6	4	6	6
06-08 LST	5	3	3	6	7	3	8	5	5	7	5	3	5
09-11 LST	6	8	4	4	5	1	5	4	5	8	5	3	5
12-14 LST	7	10	3	4	5	2	3	3	3	6	8	6	5
15-17 LST	7	9	3	4	4	1	4	3	3	5	7	5	5
18-20 LST	6	8	4	5	4	1	4	3	3	5	4	6	4
21-23 LST	6	7	3	1	6	2	5	5	3	5	2	6	4
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECE-PSC-1

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CAPE YOUNG MNT, CANADA  
LOCATION: 68 56'N, 116 56'W  
PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 719390  
ELEVATION (FEET): 52  
PERIOD: 7707-8512

ICAO ID: CYUI  
LST - GMT: -7

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	1	3	10	12	6	#	0	0	3
06-08 LST	0	0	0	0	2	4	10	16	7	1	#	0	3
09-11 LST	0	0	0	0	1	4	9	11	8	1	0	0	3
12-14 LST	0	0	0	0	2	4	9	9	8	1	#	0	3
15-17 LST	0	0	0	0	1	3	8	8	7	2	#	0	2
18-20 LST	0	0	0	0	1	4	7	9	7	2	0	0	3
21-23 LST	0	0	0	0	1	4	7	12	6	#	0	0	3
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	20	15	17	19	9	6	1	#	10	29	23	17	13
06-08 LST	20	25	15	20	13	7	1	2	11	25	26	20	15
09-11 LST	18	11	11	16	14	6	1	1	12	26	22	18	13
12-14 LST	14	14	11	19	15	3	1	1	8	22	24	14	12
15-17 LST	15	14	10	14	9	3	1	1	8	21	20	15	11
18-20 LST	20	17	12	17	9	3	#	1	7	20	21	17	12
21-23 LST	15	6	10	13	11	3	0	2	10	22	20	10	10
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	5	3	2	2	2	0	2	2	5	8	7	8	4
06-08 LST	6	4	2	2	2	1	2	2	5	7	6	7	4
09-11 LST	5	6	3	3	2	2	2	2	5	7	5	7	4
12-14 LST	5	6	3	4	2	1	1	1	4	7	6	5	4
15-17 LST	4	5	2	4	3	1	2	2	5	6	5	7	4
18-20 LST	4	4	2	3	2	#	1	3	4	7	5	6	4
21-23 LST	7	5	3	1	1	0	2	2	4	9	6	8	4
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	12	7	7	8	20	11	18	13	11	15	12	10	12
06-08 LST	12	7	7	11	20	12	21	16	16	17	13	8	13
09-11 LST	14	13	8	9	17	11	19	15	15	19	14	10	14
12-14 LST	13	13	7	8	16	10	18	12	15	19	17	12	13
15-17 LST	13	13	9	9	13	10	14	11	15	17	13	14	13
18-20 LST	11	14	10	7	13	8	12	9	13	15	14	14	12
21-23 LST	13	11	8	6	13	9	12	9	11	18	8	14	11
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	12	7	7	8	15	8	15	10	5	12	10	9	10
06-08 LST	11	5	7	10	15	7	16	11	11	13	11	8	10
09-11 LST	12	13	7	7	12	5	14	11	11	14	11	10	11
12-14 LST	11	12	6	6	11	7	13	9	10	14	14	11	10
15-17 LST	12	12	9	8	10	5	11	7	8	13	11	12	10
18-20 LST	10	13	10	6	8	5	10	7	7	13	11	13	9
21-23 LST	13	11	8	6	10	4	11	8	8	15	6	12	9
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	9	6	6	6	13	6	13	8	9	9	7	7	8
06-08 LST	8	5	5	9	11	5	12	8	9	10	8	5	8
09-11 LST	9	10	5	6	9	2	9	7	7	11	8	6	7
12-14 LST	8	11	6	6	8	3	7	5	5	10	11	8	7
15-17 LST	10	11	7	7	7	2	8	4	4	10	9	9	7
18-20 LST	9	11	7	5	6	4	6	5	4	10	9	10	7
21-23 LST	10	9	6	3	8	4	8	8	5	10	4	10	7
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	3	2	1	2	6	2	7	3	2	3	1	2	3
06-08 LST	3	2	2	4	4	2	4	2	3	3	2	2	3
09-11 LST	3	5	2	2	3	4	3	2	2	3	3	2	3
12-14 LST	4	5	2	1	1	#	1	1	2	3	3	3	2
15-17 LST	4	5	1	3	2	#	2	1	1	3	3	4	2
18-20 LST	3	5	1	3	3	0	2	1	2	3	2	4	2
21-23 LST	5	3	1	#	5	1	4	2	2	3	2	3	3
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CLINTON POINT, NWT, CANADA  
 LOCATION: 69 35'N 120 45'W  
 PREPARED BY: USAFETAC/ECR, JAN 1987

STATION #: 710530  
 ELEVATION (FEET): 43  
 PERIOD: VARIED

ICAO ID: CYUH  
 LST - GMT: -7

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 2	30	14	37	44	59	68	80	77	74	42	26	30	80
MEAN DLY MAX 1	-8	-10	-10	4	25	41	49	47	38	22	6	-7	17
MEAN 1	-12	-14	-14	0	21	37	45	43	35	19	2	-10	13
MEAN DLY MIN 1	-16	-18	-18	-4	17	34	41	40	32	17	-1	-14	10
EXTREME MIN 2	-42	-41	-41	-35	-13	15	28	28	13	-5	-30	-40	-42
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	31	30	29	15	1	4	19	31	30	31	280
# DAYS ≤ 0 1	27	26	30	20	2	0	0	0	0	3	16	27	151
2. PRECIPITATION (INCHES)													
MAXIMU	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN 2	.22	.08	.15	.67	.31	.62	1.19	1.60	1.40	.95	.40	.40	8.0
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01 2	1	#	1	2	2	5	5	5	4	2	2	2	31
# DAYS ≥ 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (05 LST) 1	77	75	76	81	89	87	86	87	90	87	82	77	83
RH (11 LST) 1	78	75	75	81	88	83	81	83	88	88	82	77	82
VAPOR PRESS 1	.03	.02	.02	.05	.11	.20	.25	.24	.18	.10	.05	.03	.11
DEWPOINT 1	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	W	W	SE	SE	SE	SE	NW	NW	SE	W	W	W	SE
MEAN SPEED (PVLG DRCTN) 1	19	23	9	10	8	8	12	13	10	13	17	20	9
MEAN SPEED (ALL OBS) 1	11	12	10	9	8	8	9	10	10	11	11	12	10
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	1050	1050	700	750	700	700	750	1000	950	1150	1250	1050	1250
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	3	3	2	4	5	4	5	6	6	6	4	3	4
DAYS TSTMS 1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7 1	2	3	4	4	10	8	7	8	8	4	2	1	61
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	.0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512 (6 HRLY)  
 2.  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARY 7 YR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	24	25	17	28	48	39	32	47	44	45	33	23	34
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	21	27	21	30	41	33	30	39	51	49	41	29	35
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	23	25	19	25	46	38	27	40	49	46	35	29	34
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	21	20	18	24	48	32	31	44	45	41	34	24	33
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	17	20	12	21	35	28	24	30	26	24	20	15	23
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	14	22	16	21	35	22	19	24	31	31	27	17	23
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	16	22	14	18	32	24	17	22	27	28	23	20	22
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	17	16	13	16	35	25	23	30	26	20	22	19	23
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	15	16	10	15	24	19	17	24	16	15	15	13	17
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	9	17	11	14	20	16	14	17	22	19	16	13	15
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	11	17	10	10	19	14	11	12	16	15	15	16	14
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	15	15	8	9	21	16	17	17	18	10	15	14	15
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	8	8	5	7	14	12	8	12	9	3	5	7	8
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	5	9	6	5	11	4	6	6	7	4	6	7	6
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	6	8	6	4	7	5	4	4	6	3	6	6	5
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	9	5	4	3	13	9	9	8	8	3	7	8	7
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: CLINTON POINT, NWT, CANADA  
 LOCATION: 69 35'N 120 45'W  
 PREPARED BY: USAFETAC/ECR, JAN 1987

STATION #: 710530  
 ELEVATION (FEET): 43  
 PERIOD: 7707-8512

ICAO ID: CYUH  
 LST - GMT: -7  
 6 HOURLY

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	#	2	8	7	4	1	0	0	2
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	1	3	9	5	5	1	0	0	2
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	0	2	7	10	4	1	0	0	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	1	3	8	9	5	0	0	0	2
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	10	11	10	12	10	4	1	1	8	27	23	13	11
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	10	5	7	11	7	2	#	2	9	22	18	14	10
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	9	5	4	8	7	3	#	2	8	16	19	16	8
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	12	7	9	9	8	2	2	2	10	22	20	13	10
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	12	13	10	5	2	1	2	1	2	6	8	14	6
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	9	18	10	4	3	3	3	5	6	5	7	14	7
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	12	15	13	4	4	2	4	3	6	5	8	15	8
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	13	11	9	3	3	1	3	2	3	5	9	13	6
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*



REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7701-8512 6 HOURLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	14	15	10	14	24	18	15	21	14	13	13	13	15
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	9	17	11	14	20	13	13	15	20	18	14	11	15
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	10	17	10	8	16	11	8	10	13	12	13	15	13
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	14	15	8	8	19	14	15	15	16	10	14	14	14
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	14	14	8	13	22	17	13	19	13	11	11	12	14
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	8	16	9	12	17	11	11	10	16	13	11	11	12
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	10	16	10	8	13	9	6	7	10	10	12	14	10
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	13	14	8	7	17	13	12	13	14	9	11	14	12
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	10	10	6	10	18	14	12	17	10	7	8	10	11
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	8	11	8	9	12	10	9	8	11	6	9	9	9
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	8	13	9	7	9	8	4	6	7	7	9	10	8
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	13	8	6	5	14	11	11	10	11	6	9	12	10
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	6	7	3	4	11	9	5	11	5	2	4	5	6
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	4	6	3	3	5	3	4	4	5	3	4	5	4
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	5	7	4	1	5	3	3	2	5	3	3	4	4
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	5	5	4	2	10	4	7	5	6	2	5	6	5
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: DEWAR LAKES, NWT, CANADA  
 LOCATION: 68°38'N, 71°09'W  
 PREPARED BY: USAFETAC/ECR, OCT 1986

STATION #: 710920  
 ELEVATION (FEET): 504  
 PERIOD: JUL 77 - DEC 85

ICAO ID: CYUW  
 LST - GMT: -6  
 6 HRLY

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	3	24	32	26	28	41	53	66	61	51	33	29	24	66
MEAN DLY MAX	3	-4	-5	-6	4	20	38	51	45	29	17	6	-3	16
MEAN	3	-11	-13	-13	-1	15	33	45	40	26	13	0	-8	10
MEAN DLY MIN	3	-18	-21	-20	-6	10	28	39	35	23	10	7	-13	5
EXTREME MIN	3	-52	-50	-47	-34	-11	10	26	23	1	-19	-37	-36	-52
# DAYS > 90	3	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 32	3	31	28	31	30	31	22	4	10	28	30	30	31	306
# DAYS > 0	1	28	27	28	22	2	0	0	0	0	5	20	26	159
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	3	.21	.06	.11	.46	.91	.45	.94	.92	1.29	.68	.34	.23	6.6
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	3	1	#	1	2	3	2	2	3	5	4	2	1	26
# DAYS > 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	78	75	78	80	86	90	83	90	91	88	82	77	84
RH (18 LST)	1	78	74	78	80	86	86	77	81	89	87	82	77	82
VAPOR PRESS	1	.02	.02	.02	.04	.09	.17	.21	.20	.14	.08	.04	.03	.09
DEWPOINT		*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	E	\$E	E	E	E	E	E	E	E	\$E	\$E	E	E
MEAN SPEED														
(PVLG DRCTN)	1	16	16	15	17	17	16	16	17	18	19	15	17	17
MEAN SPEED														
(ALL OBS)	1	10	8	9	11	11	11	12	13	12	9	9	11	10
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	2750	2750	2700	2400	2300	2350	2400	2350	2450	2550	2600	2750	2750
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	2	3	4	5	5	5	6	6	6	5	4	5
DAYS TSTMS	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7	1	5	4	8	9	11	8	7	9	9	12	10	7	99
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DICTN  
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JUL 77 - DEC 85  
 2.  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARIES 6 YR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	12	21	24	55	46	37	46	53	55	42	22	36
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	20	19	25	35	50	47	46	52	54	63	44	33	41
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	28	17	27	32	50	44	43	53	57	61	49	33	41
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	23	12	21	32	51	41	39	44	54	57	46	27	37
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	8	17	22	43	37	28	34	43	42	29	17	28
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	14	11	21	30	39	38	34	40	41	51	36	25	32
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	22	14	24	29	38	34	26	33	40	52	42	30	32
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	17	10	17	28	37	28	26	29	39	45	37	23	28
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	6	16	18	31	28	19	25	33	32	21	13	22
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	11	6	18	25	29	31	25	32	30	43	25	16	24
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	16	9	16	24	28	22	18	21	27	41	33	22	23
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	11	7	14	21	23	20	17	18	25	36	29	18	20
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	8	12	19	20	15	21	20	18	14	6	13
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	4	8	11	12	21	17	24	18	21	14	8	14
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	8	4	7	12	12	10	8	10	14	22	16	11	11
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	6	3	6	7	13	11	10	11	18	22	17	10	11
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT5

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: DEWAR LAKES, NWT, CANADA  
 LOCATION: 68°39'N, 71°09'W  
 PREPARED BY: USAFETAC/ECR, OCT 1986

STATION #: 810920  
 ELEVATION (FEET): 504  
 PERIOD: JUL 77 - DEC 85

ICAO ID: CYUM  
 LST - GMT: -6  
 6 HRLY

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	3	9	12	2	0	0	0	2
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	3	15	11	2	0	0	0	3
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	0	0	2	13	9	1	#	0	0	2
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	0	3	15	11	4	0	0	0	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	5	9	15	17	15	3	7	18	26	23	13	14
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	12	12	9	10	18	17	6	10	15	21	17	15	14
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	7	5	9	13	18	12	3	7	16	25	15	8	12
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	11	4	9	14	18	12	2	4	14	28	21	14	12
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	6	6	5	8	4	8	7	11	9	9	10	8
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	8	4	9	8	7	5	7	6	6	5	7	9	7
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	10	4	6	7	8	5	8	9	13	6	9	9	8
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	8	3	7	6	8	8	6	8	12	7	8	9	8
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	6	16	18	30	28	19	24	30	30	20	13	20
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	11	6	18	24	28	30	25	30	28	41	24	13	23
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	16	8	15	23	27	20	16	19	22	39	30	22	21
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	11	7	14	20	22	18	15	16	23	34	28	18	19
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	6	14	17	28	25	17	23	28	29	19	12	20
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	10	2	17	21	24	28	23	29	27	37	23	13	21
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	16	8	15	22	25	17	12	13	20	34	28	18	19
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	10	7	13	19	21	17	11	14	23	32	26	16	17
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	4	12	15	24	23	17	22	26	26	16	8	17
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	9	6	13	17	24	26	20	26	25	33	21	10	19
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	15	6	13	18	20	14	10	12	16	31	25	16	26
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	8	4	12	14	19	15	11	13	21	30	23	14	15
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	5	9	16	15	12	17	16	13	9	6	11
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	2	5	7	7	17	15	21	13	15	9	5	10
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	3	2	5	5	8	8	7	9	10	15	13	6	8
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	4	3	5	7	9	8	8	9	13	14	13	6	8
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

ECR-CLT5a

PREPARED BY USAFETAC MAY 76		STATION NAME : FROBISHER BAY, BAFFIN IS. NWT LOCATION : N 63 45 W 68 33		PERIOD: MAR 42-AUG 50B SLEY : 110		STN LTRE: CYFB USAR NO.: 16603 WMO NO.: 72909																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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M O N T H	TEMPERATURE (°F)			PRECIPITATION (IN)			SNOWFALL (IN)			RELATIVE HUMIDITY (%)			SURFACE WIND			PRECIP			SNOWFALL			TEMPERATURE (°F)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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JAN	-10	-23	-1	34	0.4	0.4	0.1	0.3	0.1	0.1	0.1	100	100	100	100	100	100	100	100	100	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
FEB	-8	-22	-1	38	0.4	0.4	0.1	0.3	0.1	0.1	0.1	100	100	100	100	100	100	100	100	100	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
MAR	2	-15	-6	35	0.4	1.1	0.1	0.4	7	15	7	59	86	02	-15	1200	10	47	5	7	0	6	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GLADMAN POINT, NWT, CANADA  
 LOCATION: 68°40'N, 97°48'W  
 PREPARED BY: USAFETAC/ECR, OCT 1986

STATION #: 719270  
 ELEVATION (FEET): 46  
 PERIOD: VARIED

ICAO ID: CYUR  
 LST - GMT: -6

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	3	-3	4	-1	22	34	50	67	59	46	30	20	14	67
MEAN DLY MAX	3	-27	-26	-22	0	21	38	51	48	33	16	-2	-13	10
MEAN	3	32	-33	-29	-9	14	33	47	42	30	10	-10	-20	5
MEAN DLY MIN	3	-37	-39	-35	-18	8	28	43	36	26	4	-18	-27	-1
EXTREME MIN	3	-52	-51	-49	-38	-14	12	31	28	13	-17	-35	-43	-52
# DAYS > 90	3	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32	1	31	28	31	30	31	19	#	#	20	30	30	31	281
# DAYS ≥ 0		*	*	*	*	*	*	*	*	*	*	*	*	*
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	3	.19	.09	.12	.16	.42	.24	1.08	1.09	.67	.56	.11	.13	4.9
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	3	1.9	.9	1.2	1.6	.4	.6	0	.2	3.7	5.0	1.0	1.3	21.4
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	3	.4	0	.2	.3	1.3	1.1	3.3	3.3	2.5	2.3	1.4	.1	16.2
# DAYS ≥ 1.5	3	.1	0	.1	.2	.8	.1	0	0	.6	.9	.1	0	2.9
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	76	77	76	80	89	93	91	94	94	88	80	76	86
RH (18 LST)	1	76	75	76	79	89	87	78	82	90	88	80	76	83
VAPOR PRESS	1	.02	.02	.02	.03	.10	.18	.25	.23	.17	.08	.03	.02	.11
DEWPOINT		*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	WNW	WNW	NW	E	NW	N	NNW	N	N	NW	NW	NNW	NNW
MEAN SPEED														
(PVLG DRCTN)	1	13	11	12	13	12	12	14	12	12	12	12	13	13
MEAN SPEED														
(ALL OBS)	1	11	10	10	11	11	10	11	11	11	11	11	10	11
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	750	600	550	500	450	600	550	600	550	650	650	700	750
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNED)														
CLD COVER	1	2	2	2	2	5	6	6	6	6	6	4	3	4
DAYS TSTMS	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7	1	13	11	12	8	9	9	5	6	7	7	8	8	104
DAYS BNED < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512 6 HRLY  
 2.  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARIES POR 84 YRS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	19	15	17	44	50	33	47	53	47	30	23	34
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	34	18	26	26	52	53	31	47	60	53	33	22	38
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	34	28	29	26	52	52	34	45	66	56	41	31	41
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	33	21	18	18	49	44	30	39	60	57	40	24	36
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	17	12	13	29	40	18	27	31	33	24	18	24
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	23	15	20	22	35	40	23	34	39	35	21	16	24
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	31	24	26	21	37	36	18	24	39	40	34	25	30
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	28	20	16	15	31	26	15	21	33	39	33	22	25
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	11	10	11	18	24	11	15	13	22	18	13	15
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	14	11	14	17	25	32	14	20	23	20	11	11	18
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	27	21	18	15	21	21	8	12	19	26	23	18	19
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	19	15	12	12	16	15	6	9	17	28	22	14	15
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	2	5	3	6	7	3	2	4	5	2	3	4
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	3	3	6	7	5	2	6	5	4	3	4	4
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	10	7	6	7	6	2	#	2	5	4	5	4	5
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	11	4	5	4	3	1	2	2	3	4	4	4	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*



# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GLADMAN POINT, NWT, CANADA  
 LOCATION: 68°40'N, 97°48'W  
 PREPARED BY: USAFETAC/ECR, OCT 1986

STATION #: 719270  
 ELEVATION (FEET): 46  
 PERIOD: JUL 77 - DEC 85

ICAO ID: CYUR  
 LST - GMT: -6  
 6 HRLY

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	1	3	11	10	4	#	0	0	2
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	1	4	12	9	7	#	0	0	3
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	0	1	3	5	8	4	1	0	0	2
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	1	3	9	9	5	1	0	0	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	6	5	11	12	7	#	3	14	24	30	16	12
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	17	10	11	8	19	12	#	3	10	22	30	19	13
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	8	8	6	6	17	9	0	2	13	20	17	10	10
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	12	6	5	8	12	6	0	2	11	22	26	18	11
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	2	3	#	1	1	2	3	5	7	3	3
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	2	1	2	2	1	#	1	2	3	3	2	2
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	4	1	1	4	2	0	1	2	2	5	3	2	2
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	4	1	1	5	3	1	2	3	4	5	4	3	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* - DATA NOT AVAILABLE, # = 0.0 < 0.5, MI - STATUTE MILES  
 † - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512 6 HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	11	10	10	16	19	10	10	12	17	16	13	13
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	14	11	14	17	22	28	13	16	17	17	11	10	16
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	26	20	17	15	17	16	5	11	12	21	21	16	16
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	19	15	12	11	13	12	6	8	13	24	22	13	14
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	9	10	10	12	14	7	6	9	13	13	12	11
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	13	10	13	16	17	20	10	12	11	13	8	10	13
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	21	18	16	14	13	6	3	5	7	15	16	14	12
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	11	14	11	9	8	6	4	4	8	16	20	10	11
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	7	9	7	8	12	5	5	6	10	7	8	8
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	11	7	7	12	11	12	6	10	9	8	6	7	9
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	15	15	10	10	9	3	1	3	6	10	14	9	9
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	17	11	8	7	5	3	3	2	5	11	14	7	8
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	1	1	1	2	3	2	2	1	3	1	2	2
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	2	1	5	3	2	1	5	2	2	2	2	3
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	7	2	3	6	4	#	0	2	3	3	2	2	3
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	6	2	2	3	1	#	1	#	1	3	3	3	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: HALL BEACH, NWT, CANADA  
 LOCATION: 68°47'N, 81°15'W  
 PREPARED BY: USAFETAC/ECR, SEP 1987

STATION #: 710810  
 ELEVATION (FEET): 23  
 PERIOD: VARIED

ICAO ID: CUJX  
 LST - GMT -5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 2	34	30	24	28	38	55	68	59	53	33	30	22	68
MEAN DLY MAX 1	-16	-23	-13	2	23	37	48	45	35	20	3	-8	14
MEAN 1	-23	-30	-21	-7	16	33	42	40	31	15	-4	-15	7
MEAN DLY MIN 1	-30	-36	-28	-15	10	29	38	36	29	10	-11	-22	2
EXTREME MIN 2	-55	-54	-52	-40	-18	9	30	27	11	-21	-39	-49	-55
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	31	30	31	21	3	6	22	31	30	31	295
# DAYS < 0 1	31	28	30	27	8	0	0	0	0	8	24	29	185
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN 2	.34	.25	.18	.31	.62	.41	1.48	1.62	.92	.56	.5	.28	7.5
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01 2	1	1	1	1	2	1	5	4	3	1	2	1	22
# DAYS >= 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS >= 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (04 LST) 1	81	79	81	81	87	92	91	91	90	88	83	82	86
RH (13 LST) 1	80	80	79	81	87	85	80	80	84	86	83	81	82
VAPOR PRESS 1	.02	.02	.02	.04	.09	.17	.23	.21	.16	.16	.04	.03	.10
DEWPOINT	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 FT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 3	NW	NW	NW	NW	NW	N	N	NW	NW	NW	NW	NW	NW
MEAN SPEED (PVLG DRCTN) 3	13	13	12	13	13	12	11	11	15	15	14	13	13
MEAN SPEED (ALL OBS) 3	12	12	12	11	11	10	9	10	13	14	13	11	12
MAX (PK GST) 3	63	64	57	48	59	53	44	48	59	69	57	47	69
PRESSURE ALT 1	900	900	950	850	600	650	750	850	700	1150	1030	1300	1300
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	4	3	4	4	5	6	6	6	6	6	5	4	5
DAYS TSTMS 1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7 1	9	11	8	7	7	9	10	9	7	7	6	9	99
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8512  
 2. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARY 7 YR POR  
 3. CANADIAN CLIMATE NORMALS 1956-1980

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	19	17	19	39	35	30	32	41	50	34	30	31
03-05 LST	24	19	17	23	39	37	29	31	46	51	36	30	32
06-08 LST	25	22	21	25	43	37	31	31	50	53	35	27	34
09-11 LST	28	25	26	25	40	36	31	33	52	52	39	33	35
12-14 LST	29	26	26	26	42	37	33	39	48	50	40	38	37
15-17 LST	30	23	24	26	43	39	30	37	46	50	39	29	35
18-20 LST	24	22	20	22	36	37	26	33	40	50	35	27	31
21-23 LST	23	20	17	19	36	36	26	30	38	50	35	29	30
ALL HOURS	26	22	21	23	40	37	29	33	45	51	37	30	33

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	16	14	14	22	22	20	18	19	30	24	22	20
03-05 LST	19	16	16	19	25	25	19	18	20	30	25	20	21
06-08 LST	21	19	18	22	26	23	20	20	27	33	26	19	23
09-11 LST	26	22	23	21	23	23	19	21	29	31	32	23	24
12-14 LST	26	27	22	22	25	23	17	22	24	29	32	31	25
15-17 LST	25	21	21	22	23	24	14	19	24	29	28	22	23
18-20 LST	21	19	17	17	20	21	13	19	21	30	24	20	20
21-23 LST	21	17	15	15	19	21	17	17	20	29	25	21	20
ALL HOURS	22	19	18	19	23	23	18	19	23	30	27	22	22

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	12	11	10	17	18	17	13	14	21	18	15	15
03-05 LST	15	13	9	15	21	20	17	14	14	20	19	15	16
06-08 LST	17	16	14	16	20	19	17	16	20	23	21	14	18
09-11 LST	21	18	17	16	18	16	15	15	20	22	26	15	18
12-14 LST	22	19	18	16	19	16	13	16	16	21	25	21	19
15-17 LST	20	19	15	16	17	18	11	14	18	22	22	14	17
18-20 LST	18	13	13	13	15	16	10	14	16	21	19	12	15
21-23 LST	17	12	11	11	14	17	15	14	14	18	20	15	15
ALL HOURS	18	15	14	14	18	18	14	15	16	21	21	15	17

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	4	4	4	5	6	8	3	3	5	4	5	5
03-05 LST	4	5	4	5	6	6	8	4	3	4	6	6	5
06-08 LST	4	5	4	5	5	6	7	6	4	4	7	5	5
09-11 LST	6	6	4	5	3	4	4	4	3	5	7	5	5
12-14 LST	8	7	5	5	4	2	3	4	3	5	8	5	5
15-17 LST	8	7	5	6	3	3	2	3	5	4	8	3	5
18-20 LST	6	6	6	4	3	3	4	4	3	3	6	5	4
21-23 LST	8	4	3	5	3	5	7	6	3	4	11	4	5
ALL HOURS	6	5	5	5	4	4	6	4	3	4	6	5	5

# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: HALL BEACH, NWT, CANADA  
 LOCATION: 68°46'N, 81°14'W  
 PREPARED BY: USAFETAC/ECR, SEP 1987

STATION #: 710810  
 ELEVATION (FEET): 23  
 PERIOD: 7301-8512

ICAO ID: CYUX  
 LST - GMT -5

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	1	5	18	17	10	2	0	0	4
03-05 LST	0	0	0	0	1	6	17	15	9	2	0	0	4
06-08 LST	0	0	0	0	2	8	15	15	10	1	0	0	4
09-11 LST	0	0	0	0	2	8	14	14	11	2	0	0	4
12-14 LST	0	0	0	0	2	7	17	18	8	1	0	0	4
15-17 LST	0	0	0	0	1	8	15	17	7	1	0	0	4
18-20 LST	0	0	0	0	1	6	14	18	9	1	0	0	4
21-23 LST	0	0	0	0	2	7	15	18	9	2	0	0	4
ALL HOURS	0	0	0	0	1	7	16	17	9	1	0	0	4

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	54	52	50	33	24	11	1	1	17	38	50	57	32
03-05 LST	56	53	57	34	27	10	2	2	20	39	48	57	34
06-08 LST	55	52	50	31	28	10	1	3	19	37	48	60	33
09-11 LST	51	41	43	31	25	10	1	2	20	34	39	54	29
12-14 LST	39	37	39	29	25	10	1	2	19	32	37	41	26
15-17 LST	40	35	36	29	24	7	1	2	17	32	37	48	26
18-20 LST	48	44	37	29	24	7	1	2	16	34	43	52	28
21-23 LST	52	49	44	26	24	8	1	1	17	38	47	53	30
ALL HOURS	50	46	44	30	25	9	1	2	18	35	44	53	30

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	1	3	1	1	1	3	4	7	5	4	3
03-05 LST	2	2	#	3	1	1	1	2	4	7	6	3	3
06-08 LST	3	1	1	4	2	1	1	4	4	7	6	3	3
09-11 LST	4	1	2	5	3	2	2	3	4	7	5	3	3
12-14 LST	4	1	3	5	4	1	1	4	5	8	4	3	4
15-17 LST	3	2	3	4	2	2	1	5	4	9	3	3	3
18-20 LST	3	3	2	3	2	1	1	3	5	9	4	3	3
21-23 LST	3	1	2	3	2	1	1	2	4	8	4	3	3
ALL HOURS	3	2	2	4	2	1	1	3	4	8	5	3	3

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ☐ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8512  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	12	11	9	16	18	16	12	13	19	17	15	15
03-05 LST	14	13	9	14	19	18	17	13	12	18	19	14	15
06-08 LST	17	16	14	16	18	18	16	14	17	20	20	14	17
09-11 LST	20	18	17	15	17	14	13	13	17	20	26	15	17
12-14 LST	21	19	18	15	17	14	12	14	15	19	23	20	17
15-17 LST	20	18	15	15	16	15	10	13	16	19	21	13	16
18-20 LST	17	13	8	13	12	14	9	14	15	18	18	12	14
21-23 LST	16	12	11	11	13	16	14	14	12	16	18	14	14
ALL HOURS	18	15	13	14	16	16	13	13	15	19	20	15	16

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	10	9	8	13	14	15	10	10	14	13	12	12
03-05 LST	13	12	8	13	16	15	15	11	9	14	15	12	13
06-08 LST	15	14	12	14	13	14	15	13	14	15	16	12	14
09-11 LST	19	17	15	12	12	11	10	10	14	17	20	13	14
12-14 LST	20	18	14	14	12	8	9	10	13	15	19	17	14
15-17 LST	18	17	13	13	11	10	8	10	14	16	17	11	13
18-20 LST	15	12	11	11	9	10	8	10	12	13	15	11	12
21-23 LST	16	10	9	9	10	12	12	11	9	11	14	12	11
ALL HOURS	17	14	11	12	12	12	12	11	12	14	16	12	13

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	7	8	7	10	11	12	7	7	11	10	10	9
03-05 LST	10	9	6	10	11	13	13	8	6	11	12	10	10
06-08 LST	12	12	8	10	9	10	12	11	9	11	13	10	10
09-11 LST	15	13	10	9	7	7	8	8	9	12	16	11	10
12-14 LST	17	15	11	10	7	6	6	6	8	11	16	14	10
15-17 LST	16	13	10	11	6	6	6	7	9	12	13	8	10
18-20 LST	13	10	9	9	6	7	7	7	9	9	11	8	9
21-23 LST	14	8	7	7	8	8	10	8	6	8	11	9	9
ALL HOURS	14	11	9	9	8	8	9	8	8	11	13	10	10

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	1	1	2	3	1	1	1	1	1	2	2
03-05 LST	2	2	1	2	2	3	3	2	1	2	2	1	2
06-08 LST	1	2	1	3	1	2	1	2	1	1	3	2	2
09-11 LST	3	1	2	3	2	1	2	1	1	1	2	2	2
12-14 LST	3	3	3	3	2	1	#	1	1	1	2	2	2
15-17 LST	4	3	2	3	1	2	#	1	2	4	2	1	2
18-20 LST	3	3	3	1	1	1	1	1	1	1	1	2	2
21-23 LST	4	2	2	1	1	2	2	2	#	1	2	2	2
ALL HOURS	3	2	2	2	2	2	1	1	1	1	2	2	2

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: JENNY LIND ISLAND, NWT, CANADA  
 LOCATION: 68 39'N 101 44'W  
 PREPARED BY: USAFETAC/ECR, JAN 1987

STATION #: 710710  
 ELEVATION (FEET): 59  
 PERIOD: 7701-8512 6 HRLY

ICAO ID: YUQ  
 LST - GMT: -7

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DLY MAX 1	-22	-23	-19	-3	21	36	47	43	33	17	-4	-17	10
MEAN 1	-26	-28	-23	-8	17	33	42	39	31	13	-8	-21	6
MEAN DLY MIN 1	-30	-32	-28	-14	12	30	39	36	29	10	-12	-25	2
EXTREME MIN	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	31	30	31	20	2	9	23	31	30	31	297
# DAYS ≤ 0 1	30	28	31	25	7	0	0	0	0	7	24	31	182
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≤ 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≤ 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (05 LST) 1	76	76	75	78	90	94	93	95	94	88	80	75	86
RH (17 LST) 1	75	75	76	82	92	89	83	86	90	88	79	75	83
VAPOR PRESS 1	.02	.02	.02	.03	.10	.18	.24	.22	.17	.08	.03	.02	.10
DEWPOINT	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	NW	WNW	WNW	NW	N	N	N	N	N	N	NW	NW	N
MEAN SPEED (PVLG DRCTN) 1	14	12	12	12	12	13	13	14	13	13	11	12	13
MEAN SPEED (ALL OBS) 1	12	10	11	11	11	11	11	12	11	11	11	11	11
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	650	550	500	550	450	600	550	550	650	800	850	700	850
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	2	2	2	3	5	5	5	6	6	6	4	3	4
DAYS TSTMS 1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7 1	7	9	9	8	10	10	7	10	8	8	8	7	101
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN  
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7701-8512 6 HOURLY  
 2.  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	22	21	19	22	61	55	40	51	69	57	32	20	40
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	29	32	27	22	48	54	37	52	69	60	36	30	41
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	21	25	27	18	49	46	32	47	66	62	30	23	37
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	18	18	19	14	55	52	38	44	63	51	25	19	35
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	16	17	16	19	41	40	27	37	42	39	22	13	27
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	27	29	26	19	35	41	24	36	46	46	29	24	32
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	18	21	23	15	28	32	17	24	44	41	22	15	25
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	13	13	18	11	35	37	24	26	37	36	17	14	23
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	11	10	10	13	28	28	18	25	26	26	13	8	18
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	20	18	20	14	20	26	16	22	26	29	20	17	21
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	12	11	16	12	14	20	6	15	24	25	13	10	15
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	11	6	15	7	19	23	17	18	17	21	11	9	15
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	5	3	4	4	9	9	7	12	10	7	3	3	6
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	5	8	6	4	1	4	4	5	6	6	7	4	5
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	4	5	6	4	3	2	1	2	4	6	4	3	4
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	5	2	13	3	8	9	8	9	6	8	3	3	6
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*



# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: JENNY LIND ISLAND, NWT, CANADA  
 LOCATION: 68 39'N 101 44'W  
 PREPARED BY: USAFETAC/ECR, JAN 1987

STATION #: 710710  
 ELEVATION (FEET): 59  
 PERIOD: 7701-8512 6 HRLY

ICAO ID: YUQ  
 LST - GMT: -7

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	1	3	8	10	4	1	0	0	2
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	3	8	9	5	#	0	0	2
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	#	3	7	8	4	2	0	0	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	0	3	9	7	4	1	0	0	2
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	11	7	8	6	8	10	0	3	8	22	13	8	8
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	5	7	5	11	8	9	0	3	9	20	12	6	8
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	6	3	3	4	6	6	0	1	11	15	10	7	5
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	8	4	9	4	10	7	0	4	11	19	15	8	8
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	5	1	2	3	2	2	#	3	2	4	5	2	2
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	4	1	1	4	1	1	1	2	2	4	4	3	2
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	3	2	1	3	3	#	1	2	2	6	4	2	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	4	2	1	2	1	1	1	2	2	4	3	2	2
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7701-8512 6 HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	11	9	10	13	24	26	15	23	23	18	11	7	16
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	20	18	20	14	15	19	11	17	20	26	19	14	18
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	12	10	16	11	12	17	5	11	20	21	12	10	14
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	11	6	13	7	17	20	14	15	13	17	10	9	12
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	10	8	10	12	21	23	11	19	18	13	10	7	14
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	17	15	18	12	10	12	8	11	13	19	15	10	13
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	9	9	15	9	9	9	2	9	14	16	11	9	10
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	10	5	13	6	15	17	11	14	10	13	7	9	11
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	8	5	7	9	16	17	8	15	13	9	7	6	10
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	9	12	14	8	6	7	6	8	9	12	11	6	9
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	6	7	11	6	6	5	1	5	9	11	8	4	7
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	7	3	10	4	11	14	10	12	8	11	5	6	8
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	3	2	3	3	4	5	2	6	5	4	2	2	3
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	4	1	1	2	#	3	2	3	3	3	5	2	2
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	1	2	4	1	3	1	#	#	2	4	2	3	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	1	1	2	1	5	6	5	6	4	6	2	3	4
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LADY FRANKLIN PT, NWT, CANADA  
 LOCATION: 68°28'N, 113°13'E  
 PREPARED BY: USAFETAC/ECR, OCT 1986

STATION #: 719370  
 ELEVATION (FEET): 52  
 PERIOD: JUL 77 - DEC 85, 6 HRLY  
 ICAO ID: CYUJ  
 LST - GMT: -7

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DLY MAX 1	-15	-16	-14	2	24	40	47	46	38	23	3	-12	15
MEAN 1	-19	-21	-19	-4	20	37	43	43	35	20	-1	-16	11
MEAN DLY MIN 1	-23	-24	-23	-9	15	34	40	40	33	17	-5	-20	7
EXTREME MIN	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	31	30	31	22	0	9	22	31	30	31	287
# DAYS ≤ 0 1	29	27	30	23	5	0	0	0	0	3	21	30	163
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (05 LST) 1	77	77	76	80	89	89	90	91	93	89	83	77	85
RH (17 LST) 1	77	77	77	83	91	81	77	81	88	90	82	77	82
VAPOR PRESS 1	.02	.02	.02	.04	.11	.19	.24	.25	.19	.11	.04	.02	.11
DEWPOINT	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	E	E	E	E	E	E	NW	NW	E	E	E	NW	E
MEAN SPEED (PVLG DRCTN) 1	16	16	15	17	15	15	12	14	15	14	15	15	15
MEAN SPEED (ALL OBS) 1	12	13	11	12	11	11	11	12	12	13	12	12	12
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	450	400	300	250	300	350	500	450	450	550	700	500	700
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	3	3	2	4	5	4	5	5	6	6	4	3	4
DAYS TSIMS 1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7 1	3	6	4	4	7	4	6	4	3	2	2	3	46
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 770701 - 851231, 6 HRLY  
 2.  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	20	21	18	33	46	35	35	39	49	50	29	20	33
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	22	37	24	31	41	36	32	41	57	49	34	29	36
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	22	29	22	29	42	25	28	34	51	52	37	19	33
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	18	24	13	25	41	25	29	39	44	47	29	21	30
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	15	18	13	25	32	17	22	22	26	22	14	12	20
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	15	31	20	27	31	18	17	21	32	30	24	22	24
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	18	26	19	25	25	9	14	15	26	32	23	13	20
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	14	20	11	18	27	10	12	17	21	19	14	14	16
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	12	14	9	19	19	10	14	9	9	11	9	9	12
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	12	22	15	20	13	7	9	6	13	14	14	14	13
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	13	22	14	15	11	3	5	3	11	15	12	10	11
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	11	16	9	15	14	5	6	6	9	8	8	10	10
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	5	7	3	10	5	3	6	3	2	3	3	4	4
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	5	10	5	10	2	1	2	1	2	4	4	5	4
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	5	11	6	9	3	1	1	0	1	3	3	5	4
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	5	8	4	6	4	1	3	1	2	3	3	4	4
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LADY FRANKLIN PT, NWT, CANADA  
 LOCATION: 68°28'N, 113°13'W  
 PREPARED BY: USAFETAC/ECR, OCT 1986

STATION #: 719370  
 ELEVATION (FEET): 52  
 PERIOD: 770701 - 851231, 6 HRLY  
 ICAO ID: CYUJ  
 LST - GMT: -7

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	#	4	9	7	8	1	0	0	2
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	#	3	6	5	7	1	0	0	2
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	#	3	4	6	4	#	0	0	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	1	3	5	7	4	0	0	0	2
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	11	6	6	6	8	4	0	#	5	17	15	10	7
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	3	4	5	6	5	3	0	#	6	9	8	7	5
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	3	4	5	4	6	#	0	1	3	11	14	9	5
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	9	4	7	8	7	2	0	1	5	17	14	10	7
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	6	6	3	7	1	1	1	2	3	6	5	5	4
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	4	6	3	9	3	1	1	2	3	7	5	5	4
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	6	7	4	8	4	1	3	2	4	8	5	4	5
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	7	6	4	6	3	#	3	2	3	6	4	6	4
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 † - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707 - 8512, 6 HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	12	14	9	19	15	8	13	7	8	9	9	8	11
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	11	21	15	20	9	5	7	4	11	13	12	14	12
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	12	22	14	15	9	2	3	2	6	11	12	10	10
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	11	16	9	15	10	5	5	5	7	7	7	10	9
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	11	14	7	16	13	6	10	6	4	7	8	8	9
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	11	20	14	18	6	4	6	2	7	9	10	13	10
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	12	21	12	13	7	2	3	#	4	9	11	9	8
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	11	16	9	14	7	3	5	4	4	5	6	10	8
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	10	11	6	13	10	6	9	4	3	5	6	6	7
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	9	17	11	14	5	3	4	2	4	8	7	8	7
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	10	16	10	10	6	1	2	#	2	7	7	7	6
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	9	13	6	10	6	3	4	3	3	4	4	7	6
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	3	5	3	7	3	2	5	2	#	3	2	3	3
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	2	7	3	7	1	1	0	1	2	3	2	3	3
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	3	8	3	7	1	1	1	0	1	1	2	3	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	4	6	3	3	3	1	2	1	1	2	2	2	2
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LONGSTAFF BLUFF, NWT, CANADA  
 LOCATION: 68°56'N, 75°18'W  
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 710910  
 ELEVATION (FEET): 47  
 PERIOD: VARIED

ICAO ID: CYUV  
 LST = GMT -6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 3	26	30	21	29	43	64	69	67	53	37	30	20	69
MEAN DLY MAX 1	-12	-19	-11	2	23	39	50	46	35	20	5	-6	15
MEAN 1	-18	-24	-17	-4	19	35	45	42	31	16	-1	-11	10
MEAN DLY MIN 1	-23	-29	-22	-9	14	31	41	38	29	13	-5	-16	6
EXTREME MIN 3	-49	-51	-46	-40	-11	10	29	30	11	-20	-34	-45	-51
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	31	30	31	18	3	4	21	31	30	31	288
# DAYS < 0 1	29	28	28	23	3	0	0	0	0	4	21	28	164
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN 3	.1	.24	.15	.09	.33	.23	1.40	1.09	1.32	.82	.44	.15	6.4
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01 3	#	1	1	1	2	1	3	3	4	3	2	1	22
# DAYS > 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (05 LST) 1	77	73	75	78	90	90	84	88	90	89	82	78	83
RH (15 LST) 1	77	72	76	82	88	81	72	76	84	87	83	76	80
VAPOR PRESS 1	.02	.02	.02	.04	.10	.18	.23	.22	.16	.09	.04	.03	.10
DEWPOINT	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN SPEED	*	*	*	*	*	*	*	*	*	*	*	*	*
(PVLG DRCTN)	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN SPEED	*	*	*	*	*	*	*	*	*	*	*	*	*
(ALL OBS)	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	1450	1550	1500	1150	1100	1100	1300	1250	1250	1500	1600	1600	1600
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS TSMS 1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7 1	9	11	12	11	11	12	9	11	8	11	12	9	126
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ - % CALM > PVLG DRCTN  
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < .24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512  
 2.  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARIES 8 YR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	18	14	17	32	50	45	34	37	46	52	42	28	35
06-08 LST	18	16	23	28	48	41	36	41	46	59	40	25	35
09-11 LST	26	20	26	29	44	41	36	38	47	56	45	29	36
12-14 LST	23	17	21	26	40	37	33	34	47	54	45	31	34
15-17 LST	23	18	18	22	41	34	29	30	48	52	45	26	32
18-20 LST	18	17	19	24	42	31	26	33	49	52	42	24	31
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	15	10	13	28	40	33	26	25	34	36	28	21	27
06-08 LST	15	14	21	23	37	32	26	29	35	43	27	19	27
09-11 LST	20	18	23	25	34	31	26	23	36	45	34	22	28
12-14 LST	18	16	16	22	31	29	23	22	31	45	34	24	26
15-17 LST	18	16	16	19	31	25	21	17	31	41	32	18	24
18-20 LST	18	16	16	21	30	26	18	19	32	39	30	19	24
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	14	8	12	23	28	30	21	21	24	27	21	17	21
06-08 LST	13	11	17	18	26	29	22	24	24	32	18	15	20
09-11 LST	17	15	10	20	24	26	20	19	25	35	25	17	21
12-14 LST	16	13	15	18	22	22	17	17	21	33	26	18	20
15-17 LST	14	13	13	15	21	22	17	15	19	30	26	11	18
18-20 LST	13	13	14	16	21	20	12	16	22	28	21	13	17
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	8	4	6	10	15	22	15	14	13	7	7	5	11
06-08 LST	6	6	9	6	14	20	17	17	12	10	7	5	12
09-11 LST	6	9	10	7	8	16	13	12	8	11	11	6	10
12-14 LST	5	6	7	9	10	11	10	12	8	13	11	5	9
15-17 LST	6	7	7	7	10	11	11	10	7	13	10	4	9
18-20 LST	6	7	8	6	13	14	9	13	12	15	9	4	10
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*



# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LONGSTAFF BLUFF, NWT, CANADA  
 LOCATION: 68°56'N, 75°18'W  
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 710910  
 ELEVATION (FEET): 47  
 PERIOD: 7707-8512

ICAO ID: CYUV  
 LST - GMT -6

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	4	1	3	4	3	1	0	2	3	4	5	4	3
06-08 LST	5	1	2	3	2	2	1	3	3	8	6	7	4
09-11 LST	4	2	3	3	4	2	2	3	3	8	6	8	4
12-14 LST	6	2	5	4	4	4	3	4	3	8	9	8	5
15-17 LST	5	2	3	4	4	3	2	4	5	8	7	6	4
18-20 LST	5	3	2	3	4	2	1	2	3	6	6	5	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	13	8	12	22	27	29	20	20	24	24	18	16	19
06-08 LST	13	11	17	18	24	28	21	23	22	28	16	14	20
09-11 LST	16	15	18	20	20	23	17	17	20	30	23	15	19
12-14 LST	16	12	14	18	21	22	15	16	19	29	25	17	18
15-17 LST	14	13	13	14	20	21	16	14	16	29	24	11	16
18-20 LST	13	13	14	14	20	20	12	15	20	27	19	12	17
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	13	8	12	21	26	27	18	20	20	16	15	14	18
06-08 LST	12	10	16	17	22	26	19	22	19	22	14	13	18
09-11 LST	14	15	17	15	16	21	16	16	15	22	11	13	16
12-14 LST	14	11	13	15	16	18	12	14	14	22	22	15	16
15-17 LST	12	12	11	12	16	18	14	13	12	25	20	10	15
18-20 LST	12	12	13	12	17	18	11	14	17	23	17	11	16
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	11	6	9	17	20	25	17	17	6	14	12	11	14
06-08 LST	10	9	13	14	19	24	19	20	16	18	10	9	14
09-11 LST	11	12	14	13	14	19	15	14	12	16	17	11	14
12-14 LST	11	10	10	12	13	15	12	13	11	19	18	11	13
15-17 LST	9	10	10	10	12	16	12	12	10	19	16	8	13
18-20 LST	10	9	11	9	15	16	10	13	14	19	14	8	12
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	4	1	4	4	10	19	11	11	9	6	5	2	7
06-08 LST	3	3	7	3	9	15	15	14	10	6	4	3	8
09-11 LST	2	4	7	4	8	12	11	11	8	5	8	3	7
12-14 LST	2	3	4	4	7	8	8	10	7	8	7	3	6
15-17 LST	5	4	4	4	6	9	9	9	7	7	8	1	6
18-20 LST	5	4	4	4	8	11	9	11	10	9	5	2	7
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MACKAR INLET, NWT, CANADA  
 LOCATION: 68°20'N, 85°41'W  
 PREPARED BY: USAFETAC/ECR, OCT 1986

STATION #: 710800  
 ELEVATION (FEET): 114  
 PERIOD: VARIED

ICAO ID: CYUJ  
 LST - GMT: -6  
 6 HRLY

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	3	27	20	20	28	42	61	68	64	49	41	24	22	68
MEAN DLY MAX	1	-19	-22	-15	-3	19	36	47	42	30	15	-2	-13	10
MEAN	1	-23	-26	-19	-7	16	32	43	38	27	12	-6	-17	7
MEAN DLY MIN	1	-27	-29	-23	-10	13	30	39	35	25	9	-10	-20	3
EXTREME MIN	3	-51	-56	-47	-38	-12	8	28	20	6	-21	-43	-47	-56
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32	1	31	28	31	30	31	21	8	13	24	31	30	31	309
# DAYS < 0	1	30	28	28	23	4	0	0	0	0	7	23	30	171
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	3	.05	.24	.09	.28	1.22	.13	1.12	1.44	.94	1.18	.29	.06	7.0
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS >= 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	3	0	1	1	2	3	1	4	4	4	5	1	#	26
# DAYS >= 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	76	75	75	80	88	91	85	90	92	89	81	77	84
RH (18 LST)	1	75	74	77	80	90	87	75	82	90	83	81	77	82
VAPOR PRESS	1	.02	.02	.02	.03	.09	.17	.22	.20	.14	.08	.04	.02	.10
DEWPOINT		*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$S	\$S	\$S	S	S	NW	NW	NW	NW	\$S	\$W	\$S	\$S
MEAN SPEED														
(PVLG DRCTN)	1	8	11	10	11	11	8	7	8	9	10	9	10	10
MEAN SPEED														
(ALL OBS)	1	8	8	8	10	10	9	8	9	9	10	9	8	9
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	2050	2100	2000	1800	1700	1850	1850	1900	1850	2000	2050	2100	2100
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	2	2	3	3	5	6	6	6	7	6	4	3	5
DAYS TSTMS	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7	1	10	10	13	12	15	14	12	13	18	16	14	11	158
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN  
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707 - 8512 6 HRLY  
 2.  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARY 7 YRS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	20	17	26	61	54	42	50	64	66	44	25	39
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	15	19	23	33	63	57	46	53	71	74	46	28	44
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	22	21	20	24	54	52	47	50	68	70	49	34	43
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	24	20	18	29	58	48	33	45	68	71	46	32	41
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	17	15	22	55	39	30	33	57	55	38	22	33
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	14	14	15	27	54	47	36	41	60	60	41	23	36
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	17	18	16	21	44	38	38	41	54	57	42	28	35
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	18	18	13	25	44	37	22	31	50	59	40	26	32
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	12	11	15	45	36	26	28	45	44	29	17	27
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	11	12	9	18	46	42	31	37	50	44	31	17	29
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	13	13	9	15	37	30	31	37	46	44	35	18	27
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	15	11	9	20	34	26	19	24	45	44	33	19	25
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	5	3	5	28	26	18	19	28	24	11	6	15
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	4	1	10	29	33	23	27	32	22	12	6	17
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	3	3	2	4	20	21	22	22	26	26	13	5	14
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	3	5	2	8	17	19	15	17	26	25	12	6	13
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MACKAR INLET, NWT, CANADA  
 LOCATION: 68°20'N, 85°41'W  
 PREPARED BY: USAFETAC/ECR, OCT 1986

STATION #: 71800  
 ELEVATION (FEET): 114  
 PERIOD: JUL 77 - DEC 85

ICAO ID: CYUU  
 LST - GMT: -6  
 6 HRLY

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	4	8	7	3	#	0	0	2
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	4	13	9	4	0	0	0	3
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	0	0	3	10	8	3	0	0	0	2
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	0	2	9	8	3	0	0	C	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	15	15	19	21	9	2	6	18	24	24	17	15
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	15	14	10	9	17	8	5	7	18	20	29	23	15
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	8	5	4	8	18	7	4	6	16	18	18	7	10
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	13	10	3	11	20	6	3	6	13	20	23	16	12
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	3	5	5	5	2	2	2	5	5	4	4
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	4	3	4	6	5	3	1	4	3	6	4	3	4
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	5	5	1	7	6	5	2	3	2	6	4	4	4
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	3	5	2	5	5	6	2	3	4	7	6	3	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-85:2 6 HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	11	11	15	43	35	26	26	42	41	28	15	26
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	10	12	8	18	44	40	31	37	48	40	29	16	28
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	12	13	9	14	34	30	29	35	44	43	35	16	26
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	12	11	9	19	33	25	17	23	45	42	31	19	24
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	11	10	14	38	34	24	24	38	36	24	14	23
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	8	10	7	15	38	38	30	34	46	35	26	15	25
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	8	13	8	14	31	28	26	32	41	37	31	15	24
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	11	11	9	17	26	23	17	21	41	38	28	17	22
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	7	6	10	33	30	21	22	35	30	20	9	19
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	6	7	3	11	34	36	27	33	41	31	22	10	22
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	4	10	5	9	26	25	25	29	37	32	21	9	19
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	6	7	5	11	23	22	16	20	35	32	21	11	17
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	#	4	19	19	14	15	18	16	7	3	10
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	2	1	1	6	20	26	18	23	22	22	6	4	13
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	2	1	1	3	13	15	16	19	17	16	7	2	9
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	3	2	#	5	12	14	12	12	16	17	6	2	8
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: NICHOLSON PENINSULA, NWT, CANADA  
 LOCATION: 69°57'N, 128°53'W  
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 719560  
 ELEVATION (FEET): 5  
 PERIOD: VARIED

ICAO ID: CYUC  
 LST - GMT: -7

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 3	11	12	20	32	46	66	76	71	53	34	18	11	76
MEAN DLY MAX 1	-10	-15	-13	4	25	46	53	50	40	21	3	-10	17
MEAN 1	-15	-20	-16	0	23	40	45	44	34	18	-2	-14	19
MEAN DLY MIN 1	-19	-23	-20	-4	16	33	40	39	31	14	-5	-18	8
EXTREME MIN 3	-44	-42	-38	-28	-5	21	29	30	19	-6	-30	-35	-44
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 32 1	31	28	31	30	31	19	6	6	20	31	30	31	294
# DAYS > 0 1	28	26	30	19	2	0	0	0	0	4	21	30	160
2. PRECIPITATION (INCHES)													
MAXIMUM 3	.19	.06	.11	.19	.16	.51	.85	1.26	.64	.40	.16	.10	4.6
MEAN 1	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM 3	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR 1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01 3	#	0	#	1	#	2	3	4	3	2	2	0	17
# DAYS > 0.5 1	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN 3	1.9	.6	1.1	1.9	1.0	.2	.1	.1	1.7	3.6	1.6	1.0	14.8
MAXIMUM 1	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR 1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1 1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5 3	#	0	#	#	#	0	0	0	#	1	#	0	1
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (05 LST) 1	79	77	76	82	89	90	91	94	93	89	81	78	85
RH ( LST) 1	78	77	78	85	91	77	74	80	97	89	82	77	81
VAPOR PRESS 1	.02	.02	.02	.05	.11	.20	.26	.26	.19	.10	.04	.02	.11
DEWPOINT 1	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	\$W	W	E	E	E	E	E	E	E	E	E	W	E
MEAN SPEED (PVLG DRCTN) 1	10	10	12	13	13	10	10	11	13	11	14	11	12
MEAN SPEED (ALL OBS) 1	8	8	8	10	10	8	8	10	10	10	9	8	9
MAX (PK GST) 1	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	900	950	700	600	600	600	600	750	800	900	1050	1050	1050
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	3	3	2	4	5	4	5	6	6	6	4	3	4
DAYS TSFMS 1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7 1	6	6	6	7	10	11	10	9	8	6	4	4	86
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCN  
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512 6 HRLY  
 2.  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARIES 8YR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	22	18	13	32	44	43	46	56	51	55	33	19	36
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	20	24	19	26	44	30	38	57	64	62	39	17	37
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	20	18	15	22	42	20	24	45	55	58	36	19	31
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	20	15	12	26	45	32	34	50	54	52	28	17	35
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	16	9	7	19	35	35	35	42	32	31	19	12	24
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	14	20	15	18	33	24	29	40	42	40	30	10	26
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	16	14	1-	14	26	16	17	20	32	35	23	10	20
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	11	10	9	16	26	23	26	32	35	28	19	11	20
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	12	5	3	11	24	31	27	28	19	16	11	7	16
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	10	12	9	10	22	16	23	31	27	21	16	4	14
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	7	8	6	10	15	9	12	15	19	19	11	6	11
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	6	7	5	10	19	17	19	23	20	14	8	6	13
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	4	2	2	4	12	17	18	15	8	3	3	2	8
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	3	2	2	2	8	6	11	9	8	5	3	1	5
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	2	5	2	4	5	3	4	2	5	5	1	#	3
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	1	3	2	5	10	8	11	7	10	2	1	2	5
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*



# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: NICHOLSON PENINSULA, NWT, CANADA  
 LOCATION: 69°57'N, 128°53'W  
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 719560  
 ELEVATION (FEET): 5  
 PERIOD: 7707-8512 6 HRLY

ICAO ID: CYUC  
 LST - GMT: -7

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	0	2	7	9	4	0	0	0	2
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	#	2	7	10	4	0	0	0	2
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	1	1	6	6	4	0	0	0	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	#	2	6	6	5	0	0	0	2
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	8	9	6	9	10	4	2	4	11	22	17	10	9
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	7	4	3	8	9	5	2	1	9	23	13	12	9
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	6	4	3	4	9	1	0	1	5	22	10	11	6
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	6	9	5	7	8	1	1	1	11	22	11	8	8
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	2	#	1	2	2	#	0	2	2	3	4	1	2
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	1	#	3	2	3	#	#	2	2	2	3	1	2
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	1	1	1	4	4	1	1	2	2	2	3	1	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	1	#	1	2	2	#	#	2	2	2	3	1	2
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512 @ HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	12	5	3	9	23	29	24	24	16	12	9	6	14
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	9	9	9	10	15	15	21	25	20	17	12	4	14
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	7	8	6	10	12	7	10	10	14	14	8	5	9
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	5	7	4	10	16	16	17	17	18	10	7	5	11
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	11	5	3	9	20	25	24	20	13	7	6	5	12
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	8	8	8	8	14	12	17	17	15	11	9	4	11
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	7	8	6	9	10	6	8	7	9	11	6	4	8
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	4	6	4	9	14	15	15	13	16	6	4	4	9
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	5	3	3	7	18	22	22	16	13	4	4	3	10
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	5	6	5	5	11	10	13	12	11	8	4	3	9
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	4	6	3	8	8	5	5	5	7	8	3	3	5
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	2	4	3	6	12	12	14	9	13	4	2	3	7
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	3	1	1	2	8	13	14	12	7	2	1	#	5
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	1	2	#	1	5	4	6	6	5	3	1	1	3
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	2	2	1	2	3	1	2	1	3	3	#	0	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	1	2	1	2	8	6	7	6	9	1	1	2	4
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PELLY BAY, NWT, CANADA  
 LOCATION: 68°26'N, 89°36'W  
 PREPARED BY: USAFETAC/ECR, OCT 1986

STATION #: 719190  
 ELEVATION (FEET): 294  
 PERIOD: JUL 77 - DEC 85

ICAO ID: CYUF  
 LST - GMT: -6  
 6 HRLY

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DLY MAX 1	-21	-24	-18	-3	19	36	48	44	31	14	-4	-16	10
MEAN 1	-25	-27	-21	-8	15	33	43	40	28	11	-8	-20	6
MEAN DLY MIN 1	-29	-30	-25	-12	12	30	40	36	26	8	-12	-24	3
EXTREME MIN	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	31	30	31	21	3	10	25	31	30	31	307
# DAYS < 0 1	31	28	29	24	4	0	0	0	0	7	24	31	178
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (06 LST) 1	75	75	76	80	88	91	87	91	93	88	80	75	84
RH (12 LST) 1	74	75	75	80	88	88	77	84	92	88	79	75	82
VAPOR PRESS 1	.02	.02	.02	.03	.09	.17	.23	.21	.15	.08	.03	.02	.10
DEWPOINT	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	W	W	W	W	W	NW	N	W	N	W	W	W	W
MEAN SPEED (PVLG DRCTN) 1	14	13	14	14	11	11	8	11	10	11	13	12	13
MEAN SPEED (ALL OBS) 1	10	9	10	10	9	9	8	10	10	10	10	9	10
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	1800	1800	1750	1600	1500	1450	1600	1550	1500	1700	1700	1800	1800
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	2	2	3	3	5	6	6	6	7	6	4	3	5
DAYS TSTMS 1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7 1	0	7	13	11	14	15	10	12	15	13	10	9	137
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JUL 77 - DEC 85 6 HRLY  
 2.  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	21	22	26	54	61	43	54	74	64	37	32	43
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	22	20	23	31	62	65	48	56	78	63	36	31	45
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	30	26	26	31	52	58	43	52	75	62	39	32	44
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	27	25	30	32	51	52	42	45	74	71	38	34	43
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	16	19	22	45	50	32	37	61	49	30	25	34
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	19	15	20	27	49	55	38	46	65	47	30	26	37
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	25	21	23	27	42	39	31	40	61	53	34	29	35
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	19	21	24	29	39	31	23	26	56	59	32	28	32
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	11	15	16	32	43	27	29	46	40	24	18	26
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	15	11	16	21	36	45	35	42	52	36	23	17	27
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	20	15	16	20	30	32	22	27	41	42	23	22	26
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	15	16	17	24	31	23	16	16	37	45	22	19	23
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	5	5	8	22	29	21	19	23	21	12	7	15
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	6	5	5	8	21	32	27	29	33	21	9	5	17
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	4	5	4	8	16	18	13	12	21	20	9	5	11
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	4	4	4	12	17	14	11	9	17	24	10	7	11
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: Pelly Bay, NWT, Canada  
 LOCATION: 68°26'N, 89°36'W  
 PREPARED BY: USAFETAC/ECR, OCT 1986

STATION #: 719190  
 ELEVATION (FEET): 294  
 PERIOD: JUL 77 - DEC 85

ICAO ID: CYUF  
 LST - GMT: -6

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	3	9	9	3	0	0	0	2
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	3	10	10	3	#	0	0	2
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	0	#	3	11	8	4	#	0	0	2
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	0	2	13	9	5	0	0	0	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	10	14	13	11	10	3	4	20	29	23	18	14
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	10	10	7	8	16	9	2	5	18	25	25	19	13
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	5	3	4	4	11	9	2	5	18	25	12	8	9
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	9	8	6	8	15	11	1	2	15	30	20	18	12
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	4	5	7	4	0	2	2	4	2	5	2	3
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	4	6	7	5	3	1	#	1	2	2	6	2	3
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	8	8	5	5	3	1	1	2	2	6	4	3	4
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	5	4	5	9	4	1	1	2	3	5	3	2	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	11	15	16	31	42	26	29	40	37	23	18	25
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	15	11	15	21	34	44	35	39	47	35	22	17	28
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	19	15	16	20	27	29	20	24	39	38	23	21	24
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	15	15	17	24	30	20	16	15	30	41	21	19	22
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	11	15	16	29	39	25	24	31	33	20	15	23
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	14	10	14	20	32	43	33	35	44	32	19	14	26
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	16	14	15	20	25	24	18	19	32	35	21	20	22
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	13	14	17	23	26	19	14	12	25	36	19	17	20
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	10	10	13	25	35	22	22	27	27	17	11	19
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	11	8	9	15	28	38	31	33	39	29	16	11	22
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	8	10	10	16	22	22	17	15	29	31	16	12	17
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	7	8	10	17	21	17	13	10	22	31	14	13	15
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	2	4	17	21	18	17	16	16	8	3	11
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	2	2	1	4	17	26	23	26	24	15	7	2	12
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	3	2	2	8	13	14	11	11	17	16	6	3	9
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	3	3	2	8	14	11	10	9	13	20	6	3	9
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SHEPHERD BAY, NWT, CANADA  
 LOCATION: 68°47'N, 93°25'W  
 PREPARED BY: USAFETAC/ECR, OCT 1986

STATION #: 719110  
 ELEVATION (FEET): 139  
 PERIOD: JUL 77 - DEC 85

ICAO ID: CYUS  
 LST - GMT: -6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DLY MAX 1	-23	-26	-19	-2	22	39	53	48	36	18	-4	-17	11
MEAN 1	-30	-32	-26	-10	16	35	47	43	32	13	-11	-24	5
MEAN DLY MIN 1	-37	-38	-32	-18	20	30	41	37	28	7	-17	-31	-1
EXTREME MIN	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	31	30	31	21	1	6	2	30	30	31	262
# DAYS < 0 1	31	28	30	26	7	0	0	0	0	10	26	31	189
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (06 LST) 1	78	78	76	77	88	93	88	92	91	89	82	78	86
RH (28 LST) 1	77	78	77	81	91	87	75	78	87	89	82	78	82
VAPOR PRESS 1	.02	.02	.02	.03	.09	.18	.26	.24	.17	.08	.03	.02	.11
DEWPOINT	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	SE	S	SE	SE	NW	NW	NW	NW	N	NW	SE	SE	NW
MEAN SPEED													
(PVLG DRCTN) 1	6	8	8	11	14	11	12	14	12	11	8	6	12
MEAN SPEED													
(ALL OBS) 1	9	9	9	11	10	10	11	12	11	11	10	8	10
MAX (PK GST) *													
PRESSURE ALT 1	900	850	800	700	750	750	700	850	800	950	900	900	950
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	3	3	3	3	6	6	6	6	7	6	5	4	5
DAYS TSTMS 1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7 1	10	11	12	8	11	11	9	8	9	10	9	10	11
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512  
 2.  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	26	23	21	24	57	59	41	51	61	58	32	26	40
09-11 LST	27	31	24	28	56	54	40	49	65	58	40	28	42
12-14 LST	30	29	23	25	51	50	35	45	63	56	39	32	40
15-17 LST	27	26	23	27	50	46	32	36	57	57	41	27	37
18-20 LST	26	25	22	22	46	43	29	33	58	55	34	25	35
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	22	19	17	22	43	41	24	34	35	41	20	20	28
09-11 LST	24	28	20	25	44	34	24	27	37	41	26	21	29
12-14 LST	26	26	20	23	40	30	18	21	34	39	29	25	28
15-17 LST	25	23	21	25	39	23	15	15	30	38	29	22	25
18-20 LST	23	22	18	20	34	23	13	15	29	39	25	19	23
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	16	16	13	18	28	30	17	21	19	20	12	14	19
09-11 LST	19	23	15	21	31	22	13	16	17	22	20	15	20
12-14 LST	22	21	15	21	28	20	9	11	16	23	22	20	19
15-17 LST	21	20	16	21	23	14	8	9	14	23	24	17	18
18-20 LST	18	18	14	17	18	14	7	9	13	20	20	13	15
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	6	4	6	10	9	6	6	4	4	3	3	6
09-11 LST	8	9	7	7	7	2	3	3	4	4	4	4	5
12-14 LST	8	10	6	7	3	4	1	#	1	4	6	6	5
15-17 LST	8	10	8	6	2	3	#	#	1	3	7	3	4
18-20 LST	7	7	4	4	2	3	1	1	2	4	6	3	4
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*



# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SHEPHERD BAY, NWT, CANADA  
LOCATION: 68°47'N, 93°25'W  
PREPARED BY: USAFETAC/ECR, OCT 1986

STATION #: 719110  
ELEVATION (FEET): 139  
PERIOD: JUL 77 - DEC 85

ICAO ID: CYUS  
LST - GMT: -6

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	#	4	12	12	9	1	0	0	3
09-11 LST	0	0	0	0	2	5	13	10	9	1	0	0	3
12-14 LST	0	0	0	0	1	5	11	9	7	1	0	0	3
15-17 LST	0	0	0	0	1	7	10	10	7	1	0	0	3
18-20 LST	0	0	0	0	#	7	9	8	8	1	0	0	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	43	23	18	15	23	14	0	3	11	28	30	45	21
09-11 LST	37	19	18	15	26	12	#	3	12	29	23	38	19
12-14 LST	21	13	16	11	24	9	1	2	12	28	19	25	15
15-17 LST	27	12	12	14	23	5	1	1	12	28	21	37	16
18-20 LST	43	19	16	10	16	7	1	2	11	30	25	39	18
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	2	2	1	3	2	1	1	1	4	3	4	1	2
09-11 LST	1	2	1	4	3	1	2	2	4	4	3	1	2
12-14 LST	3	3	2	5	3	1	3	3	6	4	3	1	3
15-17 LST	2	3	2	5	3	1	4	6	5	4	3	2	3
18-20 LST	1	3	4	5	4	1	3	6	4	3	3	1	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 ☉ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707 - 8512  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	15	15	12	18	28	26	15	17	14	17	11	13	17
09-11 LST	18	22	14	21	27	18	12	14	13	18	20	14	18
12-14 LST	22	21	15	21	23	16	7	8	9	20	22	18	17
15-17 LST	21	20	16	21	18	11	5	5	9	20	23	16	15
18-20 LST	18	19	14	17	15	11	5	6	9	18	18	12	14
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	14	14	12	16	23	22	11	13	10	13	11	12	14
09-11 LST	16	20	13	20	22	12	7	9	10	15	18	13	15
12-14 LST	20	19	14	21	16	10	4	4	6	14	19	17	14
15-17 LST	20	18	15	20	13	7	3	3	6	14	21	15	13
18-20 LST	17	17	13	16	11	9	4	4	6	14	16	11	12
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	11	12	8	11	17	17	9	9	7	9	8	9	11
09-11 LST	15	18	11	16	13	8	5	6	7	10	14	9	11
12-14 LST	14	17	12	15	9	7	3	2	3	9	14	12	11
15-17 LST	14	16	13	15	8	5	2	2	3	10	16	9	9
18-20 LST	13	16	12	11	5	6	2	2	3	10	13	7	8
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	2	2	2	3	4	3	3	3	3	2	1	2	3
09-11 LST	4	3	3	4	3	1	1	1	2	2	2	2	2
12-14 LST	4	2	4	4	1	1	#	0	1	2	3	2	2
15-17 LST	5	3	5	2	1	1	#	0	1	1	4	2	2
18-20 LST	5	3	4	1	1	2	#	1	1	1	3	2	2
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TUKTOYAKTUK, NWT, CANADA  
 LOCATION: 69 27' N 133 00' W  
 PREPARED BY: USAFETAC/ECR, JAN 1987

STATION #: 719590  
 ELEVATION (FEET): 59  
 PERIOD: VARIED

ICAO ID: CYUB  
 LST - GMT: -7

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 3	25	27	23	39	56	73	82	76	71	41	24	23	82
MEAN DLY MAX 1	-9	-14	-10	6	27	48	56	53	41	21	3	-9	18
MEAN 1	-14	-18	-15	1	22	42	49	48	36	19	-1	-13	15
MEAN DLY MIN 1	-17	-22	-19	-3	18	36	45	44	34	15	-5	-16	10
EXTREME MIN 3	-48	-49	-41	-35	-24	21	28	30	15	-20	-33	-47	-49
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	31	30	30	13	#	#	12	31	30	31	267
# DAYS < 0 1	27	27	31	19	2	0	0	0	0	5	21	29	161
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN 3	.12	.24	.13	.25	.29	.21	1.12	1.11	.83	.52	.17	.16	5.1
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01 3	#	1	1	1	1	1	4	3	3	2	1	1	19
# DAYS > 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (05 LST) 1	79	75	76	82	89	88	89	90	92	90	81	77	84
RH (17 LST) 1	77	77	77	84	89	71	71	75	83	89	82	77	79
VAPOR PRESS 1	.02	.02	.02	.05	.12	.21	.30	.29	.20	.10	.04	.02	.12
DEWPOINT	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	\$ESE	W	E	E	E	E	E	E	E	E	E	E	E
MEAN SPEED (PVLG DRCTN) 1	11	11	10	10	11	11	10	10	11	9	11	10	10
MEAN SPEED (ALL OBS) 1	9	9	8	8	9	10	9	10	10	10	9	9	9
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	750	550	500	350	400	450	450	550	600	750	950	850	950
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	3	4	3	4	5	4	5	6	6	6	5	4	5
DAYS TSTMS 1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7 1	4	5	2	4	7	5	5	5	4	3	2	2	48
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512 6 HRLY  
 2.  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARY 7 YR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	18	15	13	24	39	30	41	56	49	58	29	15	32
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	20	20	13	22	41	25	33	53	54	55	26	17	32
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	20	16	11	21	36	18	25	35	47	47	28	18	27
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	18	13	11	23	37	24	33	39	47	51	32	18	29
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	13	10	6	19	33	27	35	45	33	33	18	9	23
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	15	16	9	16	32	21	28	44	37	23	18	12	22
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	17	14	7	15	28	13	21	19	31	31	18	13	19
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	15	8	6	15	28	18	27	33	31	27	21	13	20
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	10	6	3	12	21	17	27	28	19	14	9	5	14
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	11	10	7	12	23	15	19	28	26	23	10	7	16
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	15	10	5	11	16	10	15	10	19	18	10	10	12
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	10	6	4	13	20	13	19	21	20	15	12	7	13
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	3	0	#	5	3	3	6	3	2	0	0	2	2
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	3	2	1	2	2	1	#	1	4	3	1	1	2
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	3	3	1	1	2	1	0	0	1	1	#	2	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	2	1	1	3	5	2	1	3	2	2	1	1	2
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: TUKTOYAKTUK, NWT, CANADA  
LOCATION: 69 27'N 133 00'W  
PREPARED BY: USAFETAC/ECR, JAN 1987

STATION #: 719590  
ELEVATION (FEET): 59  
PERIOD: 7707-851231

ICAO ID: CYUB  
LST - GMT: -7

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	1	2	12	14	8	#	0	0	3
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	1	5	9	12	9	1	0	0	3
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	0	4	8	8	10	1	0	0	3
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	0	2	7	10	7	#	0	0	2
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	16	14	17	14	10	6	#	2	6	33	23	19	13
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	19	16	17	15	15	3	0	4	9	29	24	28	15
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	16	14	9	12	11	1	1	2	10	30	23	21	13
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	22	16	13	17	11	3	#	2	10	30	31	34	16
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	3	1	#	1	0	0	#	1	2	2	2	2	1
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	4	2	#	1	1	#	1	2	2	2	2	2	2
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	2	1	0	1	#	0	1	2	2	2	3	2	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	2	1	#	0	#	0	1	2	1	1	3	2	1
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7701-8512 6 HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	10	5	3	12	19	15	23	23	15	11	7	4	12
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	11	10	6	10	19	12	15	23	20	19	7	7	13
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	15	10	5	9	14	9	14	6	14	16	9	10	10
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	10	6	4	11	17	12	18	16	17	13	9	6	12
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	10	3	3	10	15	12	15	14	10	5	5	4	9
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	10	8	6	8	9	8	7	9	10	12	5	4	8
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	10	8	4	5	7	5	7	2	6	6	5	7	6
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	9	6	3	9	11	8	9	8	8	6	6	4	7
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	5	1	2	8	10	9	9	8	3	2	1	3	5
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	6	4	4	4	4	2	2	2	5	4	2	3	4
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	7	4	3	3	4	3	#	1	2	2	3	4	3
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	7	3	2	5	7	3	3	5	4	3	2	3	4
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	2	0	#	2	3	1	3	2	0	0	0	1	1
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	1	1	#	1	#	0	0	1	3	2	0	1	1
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	1	1	0	#	#	#	0	0	1	#	0	2	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	1	1	0	1	2	1	#	2	1	2	#	1	1
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*



PREPARED BY		STATION NAME		LOCATION		PERIOD		DATE		STATION DATA																		
USAPETAC		SHAPAMOR AIRPORT, NAVA SCOTIA, CANADA		N44 39 N 041 36 W		ELEV 117		1/7		15N LTRB CDM 14633 UBAN NO 716010																		
OCTOBER 1979																												
AWS CLIMATIC BRIEF																												
D O Y	TEMPERATURE (°F)				PRECIPITATION (IN)				WIND (MPH)				SURFACE WINDS				MEAN NUMBER OF DAYS OCCURRENCE OF				TEMPERATURE							
	MAX		MIN		MAX		MIN		MAX		MIN		MAX		MIN		MAX		MIN		MAX		MIN					
	DAILY		MONTHLY		DAILY		MONTHLY		DAILY		MONTHLY		DAILY		MONTHLY		DAILY		MONTHLY		DAILY		MONTHLY					
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN				
JAN	32	18	55	64	-15	6.8	7.1	1.5	3.1	19	41	18	84	78	11	21	1391	80	12	74	14	2	10	1	23	8		
FEB	32	17	24	51	-14	5.1	7.3	2.0	3.5	21	40	20	84	76	11	19	1302	80	11	91	6	13	4	10	1	23	8	
MAR	38	24	31	65	-8	4.4	0.0	1.6	2.8	16	35	14	83	72	11	24	1200	80	12	92	6	11	3	7	0	4	0	
APR	47	32	39	82	10	4.1	5.4	0.9	2.3	4	31	18	86	64	17	31	1100	8	10	76	7	10	3	3	0	6	0	
MAY	56	40	40	95	26	4.3	8.1	0.9	3.6	4	6	4	84	67	25	40	750	8	9	54	7	12	2	1	0	8	0	
JUN	65	48	55	92	36	3.1	5.8	1.2	3.1	0	0	0	91	72	35	49	750	8	8	69	7	10	2	0	0	10	0	
JUL	72	56	64	92	44	3.4	6.4	0.6	5.2	0	0	0	93	74	45	54	650	8	7	71	7	11	2	0	0	13	0	
AUG	72	56	64	88	42	1.7	2.3	1.4	7.1	0	0	0	92	71	47	57	600	8	7	52	6	11	3	0	0	9	0	
SEP	66	51	58	92	34	1.7	7.1	1.0	3.0	0	0	0	90	65	38	51	700	8	7	50	6	10	2	0	0	6	0	
OCT	57	43	50	82	26	4.5	7.4	2.7	3.1	4	3	3	88	70	79	43	900	8	8	82	6	10	1	0	0	6	0	
NOV	47	35	41	72	14	6.0	0.9	2.6	2.7	3	13	9	87	76	21	36	1050	8	11	75	7	15	4	3	0	7	0	
DEC	37	23	30	60	-1	5.9	0.5	2.6	4.4	16	42	19	85	78	11	38	1150	8	11	81	7	16	5	9	0	5	0	
ANN	52	37	44	92	-15	5.4	12.3	0.6	7.3	79	55	20	88	74	23	38	1050	8	10	82	7	14	3	4	0	8	0	
EYE	27	-7	27	30	-20	27	15	15	30	27	30	30	11	11	13	11	13	10	10	15	10	9	9	9	13	13	10	10
REMARKS																												



# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SHELburne, NS, CANADA  
LOCATION: 43°43'N, 065°15'W  
PREPARED BY: USAFETAC/ECR, OCT 1986

STATION #: 713990  
ELEVATION (FEET): 98  
PERIOD: JUL 77 - DEC 85

ICAO ID: WOS  
LST - GMT: -4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)	3 - YARMOUTH, NOVA SCOTIA 38 MILES WEST (716030)												
EXTREME MAX 3	55	54	66	73	76	83	86	85	83	76	66	61	86
MEAN DLY MAX 1	30	35	39	48	57	66	64	63	65	56	47	38	51
MEAN 1	25	29	32	40	49	57	56	56	58	49	41	32	46
MEAN DLY MIN 1	18	23	26	34	42	49	49	49	50	42	35	25	41
EXTREME MIN 3	-6	-12	-2	15	25	30	41	39	31	25	10	-11	-12
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 32 1	29	23	24	14	3	#	0	0	#	5	15	23	135
# DAYS > 0 1	3	1	#	0	0	0	0	0	0	0	0	1	5
2. PRECIPITATION (INCHES)	PRECIPITATION FROM YARMOUTH, NOVA SCOTIA (716030)												
MAXIMUM 3	4.90	4.30	4.30	3.70	3.40	3.10	3.40	3.30	3.70	4.20	4.10	4.80	47.2
MEAN 1	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM 1	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR 1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 01 3	11.2	10.4	10.1	9.2	8.7	6.8	7.2	7.1	8.0	8.8	8.6	11.1	107.2
# DAYS > 0.5 1	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)	SNOWFALL FROM YARMOUTH, NOVA SCOTIA (716030)												
MEAN 3	20.6	21.8	13.1	5.1	.1	0	0	0	0	.2	3.2	15.7	47.2
MAXIMUM 1	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR 1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1 1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5 3	4.3	3.9	1.7	0	0	0	0	0	0	0	.5	3.2	13.6
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (06 LST) 1	87	86	86	90	92	92	96	96	95	91	86	87	91
RH (12 LST) 1	78	77	72	66	68	69	69	72	69	65	73	78	71
VAPOR PRESS 1	.13	.15	.16	.20	.28	.38	.48	.49	.41	.28	.23	.17	.29
DEWPOINT 1	22	25	26	33	42	50	57	57	52	43	36	29	40
5. SURFACE WINDS (16 FT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	W	WNW	W	W	W	W	W	W	W	W	W	W	W
MEAN SPEED (PVLG DRCTN) 1	11	11	11	11	9	9	8	7	8	9	9	10	9
MEAN SPEED (ALL OBS) 1	9	10	10	10	9	8	7	6	7	8	9	9	8
MAX (PK GST) 1	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	1000	800	900	950	650	750	650	550	500	600	750	950	1000
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	6	6	6	6	6	6	6	5	5	5	6	6	6
DAYS TSTMS 1	0	0	10	13	16	17	21	19	14	10	8	8	12
DAYS FOG < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 8007-8512  
 2.  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARIES (YARMOUTH, NOVA SCOTIA)  
 UP TO 90 YR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	38	44	37	37	48	42	49	44	35	24	39	35	39
03-05 LST	38	46	41	43	52	46	55	52	42	24	34	35	42
06-08 LST	46	45	42	45	49	43	53	58	45	31	38	44	44
09-11 LST	42	42	47	44	42	39	40	40	34	31	37	46	40
12-14 LST	40	46	47	40	40	33	32	34	28	30	41	49	38
15-17 LST	43	44	41	34	38	27	31	28	22	28	40	45	35
18-20 LST	40	43	38	33	38	29	32	33	22	26	36	43	34
21-23 LST	39	41	39	37	41	36	39	43	27	23	43	41	37
ALL HOURS	41	44	41	39	44	37	41	40	32	27	39	43	39

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	28	29	30	43	37	45	39	32	18	27	21	31
03-05 LST	24	31	31	32	46	42	53	47	39	16	22	24	34
06-08 LST	26	32	32	36	44	41	50	44	40	21	26	26	35
09-11 LST	23	28	31	31	36	32	36	32	27	18	23	29	29
12-14 LST	22	25	29	21	30	25	24	24	19	16	24	28	24
15-17 LST	26	21	28	18	26	20	24	22	16	16	24	29	23
18-20 LST	26	25	27	23	31	25	27	27	18	17	22	25	24
21-23 LST	22	27	30	27	37	32	36	38	24	17	25	26	28
ALL HOURS	25	27	30	27	37	32	37	34	27	17	24	26	29

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	22	24	26	40	35	44	36	28	13	22	17	27
03-05 LST	18	24	26	28	40	39	51	44	35	11	19	19	30
06-08 LST	18	26	27	30	38	36	45	41	33	18	20	21	30
09-11 LST	17	22	27	25	30	25	31	27	20	13	18	21	23
12-14 LST	14	16	26	18	23	19	19	19	14	13	19	19	18
15-17 LST	17	16	25	16	21	19	19	20	11	13	20	23	18
18-20 LST	15	20	25	19	26	25	24	22	13	14	17	18	20
21-23 LST	16	19	26	24	32	30	35	35	20	13	20	21	23
ALL HOURS	17	21	26	23	31	29	34	30	22	14	19	20	24

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	5	9	7	13	15	25	18	10	3	6	3	10
03-05 LST	2	7	9	10	12	13	32	20	14	3	5	3	11
06-08 LST	1	4	8	9	13	14	25	22	12	6	4	3	10
09-11 LST	2	3	6	6	7	5	8	5	2	3	3	4	5
12-14 LST	1	2	2	4	1	4	3	3	#	2	2	4	2
15-17 LST	3	2	4	5	2	7	4	4	1	1	2	3	3
18-20 LST	4	5	5	6	8	9	10	9	4	2	4	2	6
21-23 LST	2	5	9	5	11	14	18	17	6	3	7	2	8
ALL HOURS	3	4	7	7	9	10	16	12	6	3	4	3	7

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SHELBURNE, NS, CANADA  
 LOCATION: 43°43'N, 065°15'W  
 PREPARED BY: USAFETAC/ECR, OCT 1986

STATION #: 713990  
 ELEVATION (FEET): 98  
 PERIOD: JUL 77 - DEC 85

ICAO ID: WOS  
 LST - GMT: -4

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	#	3	0	0	0	0	0	#
03-05 LST	0	0	1	0	1	0	2	0	#	0	0	0	#
06-08 LST	0	0	0	1	0	#	1	1	#	#	#	0	#
09-11 LST	0	0	0	0	#	0	#	#	#	0	0	0	#
12-14 LST	0	0	0	#	0	0	1	#	0	0	0	0	#
15-17 LST	0	0	0	#	1	1	1	0	#	0	0	0	#
18-20 LST	0	0	0	0	0	0	0	#	#	0	#	0	#
21-23 LST	0	0	0	#	0	0	1	0	0	0	0	0	#
ALL HOURS	0	0	#	#	#	#	1	#	#	#	#	0	#

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	9	11	17	19	15	12	14	11	8	14	14	13
03-05 LST	9	15	18	18	27	18	12	13	11	12	13	15	15
06-08 LST	9	12	13	17	22	17	16	13	11	15	19	15	15
09-11 LST	10	14	14	16	18	13	10	11	10	16	17	18	14
12-14 LST	7	13	14	15	15	17	10	10	9	13	17	17	14
15-17 LST	8	14	15	17	16	14	10	10	9	11	18	19	14
18-20 LST	8	11	14	15	18	14	8	9	11	13	19	21	14
21-23 LST	11	10	16	14	20	12	7	13	12	12	20	18	13
ALL HOURS	9	12	14	16	19	15	10	11	10	13	17	17	14

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	12	8	5	0	0	0	0	0	1	1	12	5
03-05 LST	24	11	12	6	#	0	0	0	0	0	2	12	6
06-08 LST	24	10	12	6	0	0	0	0	0	0	1	12	5
09-11 LST	25	16	10	9	0	0	0	0	0	0	2	16	7
12-14 LST	23	12	5	5	0	0	0	0	0	0	2	15	5
15-17 LST	24	13	8	5	0	0	0	0	0	0	3	13	5
18-20 LST	22	11	9	5	0	0	0	0	0	0	1	12	5
21-23 LST	25	10	12	6	0	0	0	0	0	#	3	11	6
ALL HOURS	23	12	10	6	#	0	0	0	0	#	2	13	6

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	7	8	6	1	2	1	0	1	1	5	8	4
03-05 LST	6	7	6	5	2	3	1	1	1	1	5	9	4
06-08 LST	7	5	10	7	2	4	#	1	#	1	5	9	4
09-11 LST	5	6	11	8	2	3	#	1	1	5	7	9	5
12-14 LST	10	9	18	18	6	7	#	2	3	8	11	11	8
15-17 LST	7	9	21	16	4	6	2	2	1	6	10	9	7
18-20 LST	7	6	12	9	4	3	#	1	1	1	5	8	5
21-23 LST	5	7	12	7	1	2	#	1	#	1	5	8	3
ALL HOURS	7	7	7	10	3	4	1	1	1	3	7	9	5

REMARKS: \* = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES  
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 8007-8512  
 2.  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARIES (YARMOUTH, NOVA SCOTIA)  
 UP TO 90 YEARS POR

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	22	23	22	36	34	44	34	28	11	18	15	25
03-05 LST	15	23	25	25	37	38	49	43	33	11	18	17	28
06-08 LST	16	24	25	26	35	33	44	40	30	15	18	18	26
09-11 LST	16	17	23	21	25	23	29	24	18	12	16	17	20
12-14 LST	13	13	25	16	19	17	17	18	11	12	17	17	16
15-17 LST	15	14	24	15	19	18	18	17	10	12	18	16	16
18-20 LST	13	18	24	17	23	23	23	21	12	12	15	16	18
21-23 LST	14	16	22	21	29	29	34	30	18	12	18	19	22
ALL HOURS	15	18	24	20	28	27	32	25	20	12	17	17	22

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	15	18	16	23	28	40	30	21	8	12	9	18
03-05 LST	7	15	17	21	30	30	44	38	24	9	12	9	21
06-08 LST	11	17	17	20	28	26	41	35	23	13	12	9	21
09-11 LST	12	11	13	17	18	17	21	19	12	9	11	10	14
12-14 LST	9	8	15	12	11	13	12	13	7	7	9	11	11
15-17 LST	11	9	15	12	13	15	14	12	7	7	9	12	11
18-20 LST	10	10	14	12	18	20	20	15	10	8	10	10	13
21-23 LST	8	11	16	14	23	23	29	26	14	8	11	10	16
ALL HOURS	10	12	16	13	21	22	28	24	15	9	11	10	16

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	10	13	9	19	19	33	33	13	6	9	5	14
03-05 LST	3	10	14	16	18	21	37	28	20	6	8	6	16
06-08 LST	6	11	11	14	19	21	34	29	19	10	7	6	16
09-11 LST	10	8	10	11	13	13	15	12	6	5	7	7	10
12-14 LST	5	6	7	9	6	11	8	7	2	3	5	6	6
15-17 LST	7	5	9	9	7	11	8	7	3	2	4	7	7
18-20 LST	7	6	8	9	13	15	16	12	7	5	7	5	9
21-23 LST	6	7	12	9	16	18	25	21	11	5	9	6	12
ALL HOURS	6	9	11	11	14	16	22	19	10	5	7	6	11

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	4	2	6	6	14	12	6	1	3	1	5
03-05 LST	2	4	6	4	7	5	18	12	8	1	3	1	6
06-08 LST	#	1	6	4	6	5	15	13	7	2	2	1	5
09-11 LST	1	1	3	3	2	2	8	1	1	1	1	1	2
12-14 LST	0	1	#	1	0	2	2	#	0	#	1	#	1
15-17 LST	1	1	2	2	#	2	1	1	#	0	0	1	1
18-20 LST	2	2	3	2	4	5	5	5	1	#	1	1	3
21-23 LST	1	2	6	1	5	10	11	11	3	1	3	1	5
ALL HOURS	1	2	4	2	4	5	9	7	3	1	2	1	4

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BIG TROUT LAKE, ONT, CANADA  
 LOCATION: 53°49'N, 89°54'W  
 PREPARED BY: USAFETAC/ECR, OCT 1986

STATION #: 718480  
 ELEVATION (FEET): 734  
 PERIOD: VARIED

ICAO ID: CYTL  
 LST - GMT: -6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 3	35	41	53	70	86	89	96	87	84	75	50	40	96
MEAN DLY MAX 3	-1	4	18	34	48	61	70	67	56	42	22	5	36
MEAN 3	-11	-7	5	23	38	52	61	59	49	36	16	-3	27
MEAN DLY MIN 3	-21	-18	-8	11	28	42	51	59	41	39	19	-11	17
EXTREME MIN 3	-54	-52	-45	-26	-5	19	32	30	18	-2	-32	-48	-54
# DAYS > 90 3	0	0	0	0	0	0	#	0	0	0	0	0	#
# DAYS < 32 1	31	28	31	27	17	3	0	#	5	19	28	31	220
# DAYS ≤ 0 1	28	22	19	5	#	0	0	0	0	#	#	8	82
2. PRECIPITATION (INCHES)													
MAX	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN 3	1.15	1.02	.68	1.21	1.78	3.04	3.96	3.66	2.93	2.10	2.04	1.17	24.7
MIN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN 3	11.5	10.2	6.6	8.9	8.5	.1	.1	0	2.3	8.7	18.4	9.8	85.1
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1 3	3.7	3.3	2.2	3.8	5.3	6.8	7.9	7.5	6.7	5.2	5.1	3.8	6.3
# DAYS ≥ 1.5 3	2.4	2.1	1.3	1.8	1.7	0	0	0	.4	1.8	*	2.0	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (05 LST) 1	79	81	81	81	83	84	84	88	87	85	85	82	83
RH (15 LST) 1	75	75	72	60	53	58	55	62	66	73	79	78	67
VAPOR PRESS 1	.03	.04	.06	.11	.18	.28	.38	.38	.25	.18	.09	.04	.17
DEWPOINT	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	W	W	N	N	E	N	W	W	N	S	W	W	W
MEAN SPEED (PVLG DRCTN) 1	8	7	10	10	10	10	8	8	10	10	8	9	9
MEAN SPEED (ALL OBS) 1	8	7	8	8	8	8	7	8	9	10	9	9	8
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	1400	1450	1650	1200	1250	1350	1300	1550	1450	1550	1600	1600	1600
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	5	5	5	5	5	6	5	6	6	6	6	5	5
DAYS TSTMS 1	0	0	0	0	2	3	9	6	1	0	0	0	21
DAYS FOG < 7 1	0	0	0	0	2	3	3	5	4	0	0	0	35
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-7512  
 2.  
 3. WORLDWIDE AIRFIELD CLIMATIC DATA SUMMARIES 12-30 YR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	21	19	20	24	22	11	20	29	41	45	29	25
03-05 LST	26	22	22	22	29	27	17	27	34	45	48	28	29
06-08 LST	26	27	25	27	33	31	18	32	39	49	51	30	32
09-11 LST	22	22	24	24	28	32	17	33	44	52	51	32	32
12-14 LST	19	25	23	21	21	28	18	28	42	52	48	28	29
15-17 LST	19	23	25	18	20	24	14	23	33	45	47	26	24
18-20 LST	22	21	23	17	18	21	8	17	26	38	44	27	24
21-23 LST	21	18	19	15	19	21	10	17	27	38	44	30	23
ALL HOURS	22	22	23	21	24	25	14	23	34	45	47	29	27

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	13	13	10	17	16	8	15	19	23	27	19	16
03-05 LST	16	14	14	15	22	20	12	22	24	26	28	20	20
06-08 LST	17	17	14	19	26	24	14	26	31	33	34	23	23
09-11 LST	15	15	14	14	18	21	12	22	29	32	37	22	21
12-14 LST	12	13	16	9	11	16	8	15	21	30	33	19	25
15-17 LST	12	12	17	9	10	13	6	10	15	26	32	19	23
18-20 LST	12	12	14	9	9	12	5	8	15	22	27	18	20
21-23 LST	11	11	12	7	10	13	6	12	17	21	27	19	21
ALL HOURS	13	13	14	12	17	17	9	16	21	25	31	20	21

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	9	8	5	9	9	5	10	9	13	16	12	9
03-05 LST	8	10	7	7	12	13	9	16	13	14	15	11	11
06-08 LST	10	10	9	12	15	18	10	20	22	19	19	13	15
09-11 LST	9	6	10	7	8	12	7	15	16	21	25	16	13
12-14 LST	6	6	10	4	7	8	4	8	9	19	20	11	9
15-17 LST	5	7	9	4	6	8	4	6	8	15	18	10	8
18-20 LST	6	5	9	4	6	9	2	5	10	13	16	10	8
21-23 LST	5	7	8	5	6	9	4	7	10	12	16	11	8
ALL HOURS	7	8	9	6	9	11	6	11	12	16	18	12	10

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	#	#	#	1	1	1	1	1	2	1	1
03-05 LST	#	1	1	1	2	1	1	2	2	1	2	1	1
06-08 LST	#	#	1	1	2	1	#	2	1	1	3	#	1
09-11 LST	1	1	1	0	#	0	#	1	1	1	3	1	1
12-14 LST	#	1	1	#	#	0	0	#	1	1	2	1	1
15-17 LST	1	#	1	#	1	#	0	0	1	#	2	1	1
18-20 LST	#	#	1	#	1	#	0	0	#	1	2	1	1
21-23 LST	#	1	1	#	1	1	#	1	#	1	2	1	1
ALL HOURS	#	1	1	#	1	1	#	1	1	1	2	1	1

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BIG TROUT LAKE, ONT, CANADA  
 LOCATION: 53°49'N, 89°54'W  
 PREPARED BY: USAFETAC/ECR, OCT 1986

STATION #: 718480  
 ELEVATION (FEET): 734  
 PERIOD: JUL 77-DEC 85

ICAO ID: CYTL  
 LST - GMT: -6

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	1	1	2	#	0	0	0	#
03-05 LST	0	0	0	0	0	#	1	1	#	0	0	0	#
06-08 LST	0	0	0	0	0	#	1	1	0	0	0	0	#
09-11 LST	0	0	0	0	0	1	1	#	1	0	0	0	#
12-14 LST	0	0	0	0	0	1	1	1	0	0	0	0	#
15-17 LST	0	0	0	0	#	2	5	1	#	0	0	0	1
18-20 LST	0	0	0	0	#	1	3	1	#	0	0	0	#
21-23 LST	0	0	0	0	#	1	2	1	#	0	0	0	#
ALL HOURS	0	0	0	0	#	1	2	1	#	0	0	0	#

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	2	8	17	11	15	20	11	2	1	7
03-05 LST	#	#	#	1	7	18	12	16	19	10	1	#	7
06-08 LST	0	#	1	1	7	18	11	16	18	9	1	#	7
09-11 LST	0	1	1	2	10	18	12	16	19	10	2	#	8
12-14 LST	0	1	3	2	7	19	10	15	19	11	3	#	8
15-17 LST	0	1	2	3	9	18	12	15	20	10	2	#	8
18-20 LST	#	#	2	3	10	19	12	14	19	12	2	#	8
21-23 LST	0	1	2	3	9	17	13	14	20	13	2	#	8
ALL HOURS	0	1	2	2	8	18	12	15	19	11	2	#	8

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	56	50	30	19	8	3	0	0	2	20	46	60	25
03-05 LST	60	56	34	20	10	3	#	0	4	23	49	60	27
06-08 LST	60	50	37	17	12	4	0	#	4	22	47	58	26
09-11 LST	54	54	33	15	9	3	0	#	5	24	48	54	25
12-14 LST	53	47	24	11	4	2	0	0	4	24	50	57	23
15-17 LST	45	42	26	12	5	2	0	0	3	20	45	52	22
18-20 LST	50	41	27	12	6	2	0	0	3	19	43	53	21
21-23 LST	58	49	29	14	6	2	0	0	2	18	46	56	22
ALL HOURS	55	49	30	15	8	3	#	#	3	21	47	56	24

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	1	1	3	1	4	2	3	5	5	4	2	2
03-05 LST	3	1	1	2	1	2	2	3	5	5	4	3	2
06-08 LST	2	#	1	2	1	2	1	2	4	3	3	2	2
09-11 LST	3	#	1	3	1	2	1	3	4	3	4	2	2
12-14 LST	2	#	2	2	1	3	1	2	4	4	4	2	2
15-17 LST	2	1	3	3	1	6	3	3	5	5	3	2	3
18-20 LST	2	1	3	4	1	5	6	4	6	6	4	3	4
21-23 LST	2	1	3	4	1	7	6	4	6	5	5	2	4
ALL HOURS	2	1	2	3	1	4	3	3	5	4	4	2	3

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	5	7	4	7	7	5	8	8	9	12	10	7
03-05 LST	6	6	7	6	9	11	8	13	10	11	13	9	9
06-08 LST	8	8	7	9	12	13	8	17	18	14	15	10	12
09-11 LST	7	8	9	5	6	9	4	10	11	14	20	11	10
12-14 LST	5	4	7	3	6	10	2	6	6	13	16	9	7
15-17 LST	4	5	7	3	5	5	3	4	7	11	13	9	6
18-20 LST	5	6	8	3	5	6	2	4	7	11	13	8	7
21-23 LST	4	4	7	4	4	7	3	5	7	9	12	9	6
ALL HOURS	6	6	7	5	7	9	4	8	9	12	14	9	8

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	5	3	3	3	2	5	4	6	8	6	4
03-05 LST	5	4	6	4	4	5	4	8	5	6	9	5	5
06-08 LST	5	6	5	5	5	5	3	8	7	6	10	5	5
09-11 LST	3	6	5	3	2	2	1	4	4	5	11	6	4
12-14 LST	3	2	4	2	2	8	#	1	3	5	10	5	4
15-17 LST	3	3	6	2	3	1	1	1	3	5	8	6	4
18-20 LST	3	4	5	3	2	2	1	1	3	5	9	6	4
21-23 LST	3	2	5	3	2	3	2	2	2	5	9	6	4
ALL HOURS	4	4	5	3	3	3	2	4	4	5	9	6	4

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	3	2	2	3	1	1	2	4	6	3	3
03-05 LST	3	2	2	3	3	4	1	4	4	3	6	2	3
06-08 LST	2	3	3	3	3	2	1	4	2	3	6	2	3
09-11 LST	2	3	3	2	#	#	#	1	1	3	7	3	2
12-14 LST	2	2	2	1	1	2	0	#	2	3	7	3	2
15-17 LST	1	2	4	2	2	#	#	0	1	2	5	3	2
18-20 LST	2	2	3	2	1	1	#	0	1	3	5	3	2
21-23 LST	1	1	3	2	1	2	#	1	1	3	6	3	2
ALL HOURS	2	2	3	2	2	2	#	1	2	3	6	3	2

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	0	0	0	1	#	#	#	#	1	1	#
03-05 LST	0	0	#	1	#	1	1	1	1	#	1	1	1
06-08 LST	0	0	1	1	1	#	#	1	0	1	1	#	1
09-11 LST	#	0	0	0	0	0	0	#	0	1	1	0	#
12-14 LST	0	#	0	#	0	0	0	0	#	#	1	0	#
15-17 LST	0	0	1	#	#	0	0	0	#	0	1	#	#
18-20 LST	0	0	#	#	0	0	0	0	#	#	1	#	#
21-23 LST	0	#	0	#	#	#	0	#	#	0	#	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	1	#	#



# AWS CLIMATIC BRIEF

M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SNOWFALL (IN)				RELATIVE HUMIDITY (%)				SURFACE WINDS				MEAN NUMBER OF DAYS OCCURRENCE OF				TEMPERATURE (°F)			
	MEAN		EXTREME		MONTHLY		MAX 24 HRS		MONTHLY		MAX 24 HRS		LST		DEW PT		SPEED		DIRECTION		PRECIP (IN)		SNOWFALL (IN)		T		MAX	
	MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MEAN	MAX	MEAN	MAX	MEAN	MAX	MEAN	MAX	MEAN	MAX	MEAN	MAX	MEAN	MAX	MEAN	MAX	MEAN	MAX	MIN
	04	13	04	13	04	13	04	13	04	13	04	13	04	13	04	13	04	13	04	13	04	13	04	13	04	13	04	13
JAN	18	0	9	-54	-40	2.9	4.2	0.9	1.4	26	57	14	86	80	.06	6	2050	N	9	54	7	19	1	18	4	0	0	30
FEB	21	3	12	-39	-29	2.3	4.5	1.0	1.6	21	46	11	85	77	.07	9	2100	N	9	49	7	18	1	17	3	0	0	26
MAR	31	13	22	-54	-25	2.5	3.8	0.8	1.5	16	48	11	84	-3	.10	17	2050	N	10	45	6	14	1	12	2	0	0	24
APR	47	29	38	81	-6	2.5	4.6	0.4	2.1	7	28	8	83	63	.16	29	2050	N	10	52	6	12	1	5	1	0	0	10
MAY	60	40	50	86	17	2.9	6.8	0.9	2.3	1	3	2	81	55	.24	39	1800	SW	9	35	6	13	2	1	0	1	5	0
JUN	71	51	61	92	29	3.4	7.9	1.0	2.1	0	0	0	85	59	.36	50	1750	SW	8	48	6	15	2	0	0	4	5	0
JUL	74	55	65	93	37	4.0	9.8	1.9	2.9	0	0	0	88	60	.44	55	1650	SW	8	43	6	12	3	0	0	6	4	0
AUG	72	53	63	92	33	3.4	10.8	1.0	3.9	0	0	0	90	64	.42	54	1600	SW	8	35	6	12	3	0	0	4	5	0
SEP	63	46	54	82	24	4.6	8.0	1.8	2.1	0	0	0	91	67	.35	47	1800	SW	9	43	6	14	3	0	0	3	6	0
OCT	53	37	45	80	11	3.4	9.1	1.1	4.8	3	15	6	88	69	.23	38	1900	SW	9	41	7	14	2	0	0	1	6	0
NOV	37	24	31	68	11	3.7	6.2	1.5	2.3	14	39	23	90	81	.15	27	2100	N	9	42	8	19	2	12	1	1	6	0
DEC	22	7	15	56	-34	3.3	4.7	1.6	1.6	25	40	16	88	83	.08	12	2050	N	9	46	7	21	1	19	3	0	0	0
ANN	47	30	30	93	-40	3.8	7.0	0.4	4.8	113	52	23	87	69	.18	32	1850	SW	9	54	7	18	22	86	14	21	65	140
ETC	30	30	30	35	30	20	20	35	35	35	35	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17

REMARKS Data is from a wide variety of sources and POR.

NOTE: * DATA NOT AVAILABLE		# AMTS < UNITS SHOWN IN HEADING				INSTANTANEOUS PEAK WINDS				1% CALM GTR % PLVG DCTN				3 BASED ON < FULL MONTHS			
CAT PRQ (S)	MOS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	ETC		
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	45	43	30	29	26	24	17	19	27	31	55	53	32			
	03-05	46	43	34	31	26	24	24	28	35	37	59	55	37			
	06-08	49	47	37	34	28	29	29	34	42	42	62	56	41			
	09-11	46	44	36	36	30	30	29	34	43	46	63	54	41			
	12-14	43	40	34	34	24	23	19	24	33	39	62	55	36			
	15-17	41	39	33	30	19	18	13	19	29	33	57	52	32			
	18-20	41	37	31	30	19	17	11	18	27	30	52	52	31			
21-23	42	39	27	26	16	16	14	17	24	29	51	50	29				
ALL HRS	44	41	33	31	23	23	20	24	32	36	58	53	35	17			
CEILING LESS THAN 1800 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	32	26	19	21	13	14	13	15	17	19	13	33	21			
	03-05	33	29	20	22	17	20	19	22	24	23	17	15	25			
	06-08	34	34	26	24	19	23	24	28	32	28	40	39	29			
	09-11	36	34	26	24	18	19	19	22	28	30	44	43	29			
	12-14	32	27	21	21	12	13	10	13	18	21	38	40	22			
	15-17	30	26	18	18	9	1	6	9	16	18	37	37	19			
	18-20	28	24	18	19	9	10	6	11	15	16	31	35	19			
21-23	30	23	17	19	10	11	9	12	15	16	32	33	19				
ALL HRS	32	28	21	21	13	15	13	16	21	21	36	37	23	17			
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	25	19	15	15	10	11	10	12	14	14	25	22	16			
	03-05	23	20	16	16	13	16	16	18	20	17	24	24	19			
	06-08	24	25	20	19	15	17	19	23	26	22	30	28	22			
	09-11	27	25	18	18	12	13	11	14	19	20	33	33	20			
	12-14	22	18	13	14	8	9	6	8	12	15	26	28	15			
	15-17	21	19	13	13	7	8	4	6	11	13	25	26	14			
	18-20	18	18	13	14	7	8	5	8	11	12	22	24	13			
21-23	20	17	12	14	7	9	6	9	11	13	27	24	14				
ALL HRS	22	20	15	15	10	11	10	12	15	16	26	26	17	17			
CEILING LESS THAN 300 FT AND/OR VISIBILITY LESS THAN 1/2 MI	00-02	3	3	3	4	3	3	2	3	4	4	7	5	4			
	03-05	3	3	4	5	4	5	3	6	6	5	7	5	5			
	06-08	4	4	4	5	3	3	3	5	6	5	8	7	5			
	09-11	4	4	3	3	2	1	1	1	2	3	4	6	3			
	12-14	4	3	3	2	1	1	0	0	1	2	4	6	2			
	15-17	4	2	1	2	0	0	0	0	1	2	4	6	2			
	18-20	1	3	2	3	1	1	0	1	2	2	4	6	2			
21-23	1	3	2	3	2	2	1	2	3	2	5	5	3				
ALL HRS	4	3	3	3	2	2	1	2	3	3	5	6	3	17			

PREPARED BY: USAFETAC AUGUST 1975			STATION NAME: OTTAWA IAP ONTARIO LOCATION: N45 19 N073 40			PERIOD: JAN 53-DEC 72 ELEV: 374			SYN LYNS: CYBN STAN NO: 04706 TRD NO: 72020																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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M O N T H	TEMPERATURE (°F)						PRECIPITATION (IN)						SNOWFALL (IN)						WIND (MPH)						RELATIVE HUMIDITY (%)						WIND DIRECTION (°)						WIND SPEED (MPH)						WIND GUST (MPH)						WIND VELOCITY (MPH)						WIND DIRECTION (°)						WIND SPEED (MPH)						WIND GUST (MPH)						WIND VELOCITY (MPH)						WIND DIRECTION (°)						WIND SPEED (MPH)						WIND GUST (MPH)						WIND VELOCITY (MPH)						WIND DIRECTION (°)						WIND SPEED (MPH)						WIND GUST (MPH)						WIND VELOCITY (MPH)						WIND DIRECTION (°)						WIND SPEED (MPH)						WIND GUST (MPH)						WIND VELOCITY (MPH)						WIND DIRECTION (°)						WIND SPEED (MPH)						WIND GUST (MPH)						WIND VELOCITY (MPH)						WIND DIRECTION (°)						WIND SPEED (MPH)						WIND GUST (MPH)						WIND VELOCITY (MPH)						WIND DIRECTION (°)						WIND SPEED (MPH)						WIND GUST (MPH)						WIND VELOCITY (MPH)						WIND DIRECTION (°)						WIND SPEED (MPH)						WIND GUST (MPH)						WIND VELOCITY (MPH)						WIND DIRECTION (°)						WIND SPEED (MPH)						WIND 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PREPARED BY: USAFETAC OCTOBER 1977				STATION NAME: TROMPTON INTL ARPT, ONTARIO LOCATION: 443 41 N 77 36 W				PERIOD: 1957-1976 ELEV: 569'				STATION DATA STATION NO: 94791 FNO NO: 72624																								
AWS CLIMATIC BRIEF												MEAN MONTHLY DATA												MEAN NUMBER OF DAYS OCCURRENCE OF												
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SNOWFALL (IN)				RELATIVE HUMIDITY (%)				SURFACE WINDS				CLOUDS				PRECIP				SNOWFALL				TEMPERATURE (°F)			
	MEAN				MONTHLY				MONTHLY				LAST				PULSE				SPEED				HEIGHT				HEIGHT				HEIGHT			
	EXTREME				MEAN				MEAN				MEAN				MEAN				MEAN				MEAN				MEAN				MEAN			
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN						
JAN	29	13	32	54	2.4	0.0	1.0	2.1	12	27	15	84	76	10	100	54	10	49	7	1.2	1	10	3	4	3	0	0	22	1							
FEB	18	22	30	78	2.0	4.8	0.8	1.6	9	21	13	84	71	13	100	54	10	49	7	1.2	1	10	3	4	3	0	0	22	1							
APR	53	34	44	85	10	2.5	4.5	1.0	1.6	3	13	10	81	60	20	100	54	10	49	7	1.2	1	10	3	4	3	0	0	22	1						
MAY	65	43	54	94	22	2.0	5.5	0.9	3.7	0	0	82	54	28	100	54	10	49	7	1.2	1	10	3	4	3	0	0	22	1							
JUN	76	54	65	98	13	2.4	5.9	0.8	1.7	0	0	82	54	40	100	54	10	49	7	1.2	1	10	3	4	3	0	0	22	1							
JUL	81	58	69	97	10	3.0	4.5	0.2	3.3	0	0	84	52	47	100	54	10	49	7	1.2	1	10	3	4	3	0	0	22	1							
AUG	79	57	68	101	34	2.9	6.4	0.6	3.9	0	0	87	55	47	100	54	10	49	7	1.2	1	10	3	4	3	0	0	22	1							
SEP	71	50	60	98	25	2.5	5.0	0.3	4.3	0	0	86	59	38	100	54	10	49	7	1.2	1	10	3	4	3	0	0	22	1							
OCT	60	40	50	87	17	2.3	6.1	0.7	4.8	0	0	84	60	27	100	54	10	49	7	1.2	1	10	3	4	3	0	0	22	1							
NOV	45	33	38	77	1	2.4	4.0	0.5	3.4	4	24	86	72	19	100	54	10	49	7	1.2	1	10	3	4	3	0	0	22	1							
DEC	33	19	26	66	24	2.3	3.9	0.9	1.6	11	34	86	79	12	100	54	10	49	7	1.2	1	10	3	4	3	0	0	22	1							
YR	55	36	48	101	24	2.8	6.4	0.4	4.8	53	49	85	64	23	100	54	10	49	7	1.2	1	10	3	4	3	0	0	22	1							
YR	30	30	37	37	30	20	20	34	30	37	34	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17							
REMARKS: Data from a wide variety of sources and FOR																																				
NOTE: * DATA NOT AVAILABLE    # AMTS < UNITS SHOWN IN HEADING    ** INSTANTANEOUS PEAK WINDS    % CALM GRN % PLUS DECTS    # BASED ON < FULL MONTHS																																				
CLOUD FREE (%)		HRS LST		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		EVE						
00-02		37		14		26		21		14		10		7		11		16		21		10		16		22		15		17						
03-05		39		18		29		24		19		14		10		16		20		21		11		17		21		16		18						
06-08		42		19		33		29		21		19		14		24		26		31		17		45		10		19		10						
09-11		39		17		35		32		10		17		11		19		24		29		19		43		29		16		10						
12-14		36		11		35		29		14		12		9		12		18		22		16		40		25		10		10						
15-17		37		10		33		23		11		9		5		9		13		18		12		40		22		10		10						
18-20		37		29		25		22		11		9		4		7		11		16		26		37		20		10		10						
21-23		39		31		22		21		10		9		6		8		13		18		27		38		20		10		10						
ALL MOS		38		14		30		25		15		12		8		13		18		22		12		40		24		17		17						
00-02		11		20		16		15		10		6		5		8		11		14		17		20		14		11		16						
03-05		23		21		18		17		14		10		8		13		14		16		17		21		16		11		16						
06-08		25		25		24		20		14		14		11		20		20		24		24		24		21		11		16						
09-11		25		26		22		20		10		8		5		10		13		18		24		29		18		11		16						
12-14		21		17		18		15		6		6		4		5		8		7		18		25		13		11		16						
15-17		22		14		17		13		6		6		3		5		6		11		17		23		12		11		16						
18-20		20		18		16		14		7		5		3		5		7		11		14		19		12		11		16						
21-23		20		18		14		13		7		6		4		5		9		12		15		20		12		11		16						
ALL MOS		22		20		18		16		10		7		6		9		11		14		18		22		14		17		17						
00-02		13		13		13		12		7		4		3		5		7		9		11		13		9		11		16						
03-05		14		14		13		13		10		7		5		6		10		9		12		14		11		11		16						
06-08		15		16		16		15		10		7		6		12		15		16		16		16		13		11		16						
09-11		18		18		15		13		6		5		3		6		7		10		16		20		11		11		16						
12-14		14		11		11		9		3		3		2		4		5		11		16		9		11		11		16						
15-17		15		12		10		9		4		2		2		3		3		6		9		14		7		11		16						
18-20		14		12		10		8		4		4		2		3		4		6		9		12		7		11		16						
21-23		13		11		9		10		5		3		3		3		5		8		10		12		8		11		16						
ALL MOS		14		13		12		11		6		4		3		5		7		9		11		15		9		17		17						
00-02		3		3		2		2		2		1		1		1		2		2		2		3		2		3		17						
03-05		4		2		2		3		3		1		1		2		3		4		2		4		3		3		17						
06-08		3		2		2		3		2		1		1		2		5		4		3		4		3		3		17						
09-11		2		2		2		1		8		8		0		0		8		1		2		1		1		3		17						
12-14		2		2		1		0		0		0		0		8		0		8		1		2		1		3		17						
15-17		2		2		2		8		0		8		8		8		8		8		1		3		1		3		17						
18-20		2		1		2		2		4		1		8		8		8		1		1		1		1		3		17						
21-23		2		2		2		3		1		1		8		8		1		2		3		2		2		3		17						
ALL MOS		2		2		2		2		1		1		8		1		1		2		2		3		2		3		17						



PREPARED BY: UNAPETAC OCT 1979				STATION NAME: CHARLOTTETOWN APT. PRINCE EDWARD IS. CANADA LOCATION: N46 17 W063 08				PERIOD: VARIED ELEV: 180 FT				STN LTBS: 14630 WSAN NO: 72706					
AWS CLIMATIC BRIEF																	
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				WIND (KTS)				RELATIVE HUMIDITY (%)				
	MEAN				MONTHLY				DAILY				MAX				
	MAX				MAX				MAX				MAX				
	MIN				MIN				MIN				MIN				
	WIND				WIND				WIND				WIND				
JAN	27	13	20	53	-18	4.4	5.9	1.2	2.5	30	56	19	86	87	08	14	
FEB	26	12	19	52	-18	3.7	6.0	2.1	2.1	26	55	19	85	80	08	14	
MAR	33	20	26	61	-11	3.3	7.7	2.3	1.4	20	66	13	87	80	12	22	
APR	43	29	36	72	10	3.2	6.4	0.6	2.3	10	43	15	85	71	17	31	
MAY	56	39	47	84	20	3.2	6.3	1.4	2.1	1	10	5	79	63	27	42	
JUN	66	49	57	90	30	3.3	5.6	1.1	2.1	0	0	0	81	67	38	51	
JUL	73	57	65	91	40	2.9	6.1	0.4	1.6	0	0	0	85	69	52	60	
AUG	72	56	64	94	40	3.6	6.5	1.4	3.0	0	0	0	87	68	49	58	
SEP	65	49	57	85	31	3.4	5.8	0.8	2.2	0	0	0	87	68	39	52	
OCT	55	40	47	74	22	3.8	6.8	2.1	4.2	7	3	87	72	27	42	100	
NOV	44	32	38	66	8	5.0	8.0	2.9	2.0	7	27	12	88	79	19	33	
DEC	32	19	26	62	-11	4.6	9.4	3.0	1.4	26	31	13	87	84	11	21	
ANN	49	35	42	94	-18	44.4	9.4	0.4	4.2	120	229	14	85	74	22	37	
BYR	29	29	29	32	29	15	15	32	29	32	32	8	8	10	10	10	
REMARKS: 1. Airport Handbook, Eastern Canada Vol III: POR: 1942-1973 2. Canadian Monthly Record POR: Jan 1962-Dec 1976 3. World-Wide Airfield Summaries, Vol IV: POR: UNKNOWN																	
* Data not available. * Less than 0.1 day, 0.5 or 0.05 inch, or 0.5 Percent as applicable.																	
4 CEILING LESS THAN 3000 FT AND/OR VISI- BILITY LESS THAN 3 MI	DAY PREC (IN)	WIND LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	BYR	
	00-02		38	33	38	38	24	29	28	23	24	23	30	53	32		
	03-05		43	33	36	41	28	33	38	27	25	27	39	49	35		
	06-08		41	34	38	42	37	41	40	31	29	30	46	50	36		
	09-11		39	34	44	39	37	36	40	36	32	41	48	50	40		
	12-14		36	39	45	42	35	29	33	28	33	37	47	54	38		
	15-17		39	42	30	41	31	25	22	23	27	32	44	55	34		
	18-20		37	35	38	38	26	26	20	20	20	29	35	54	32		
	21-23		36	36	30	39	25	26	23	17	22	23	36	52	30		
	ALL HRS		39	36	38	40	30	31	31	26	26	30	42	52	25	4	
4 CEILING LESS THAN 1500 FT AND/OR VISI- BILITY LESS THAN 3 MI	00-02		23	24	28	35	21	25	21	17	16	13	25	27	23		
	03-05		27	23	29	34	22	29	30	20	21	14	25	27	25		
	06-08		28	24	30	34	30	38	36	24	22	18	26	29	28		
	09-11		25	25	30	31	26	30	31	23	20	23	30	35	27		
	12-14		22	28	29	29	24	20	21	16	13	21	25	31	23		
	15-17		23	28	25	29	22	15	13	14	10	14	23	33	21		
	18-20		20	24	28	31	17	19	15	13	8	12	18	26	19		
	21-23		19	24	25	31	19	22	16	10	10	12	20	24	20		
	ALL HRS		23	25	28	32	23	25	23	17	15	16	24	29	23	4	
	4 CEILING LESS THAN 1000 FT AND/OR VISI- BILITY LESS THAN 2 MI	00-02		15	17	22	30	18	14	12	11	8	19	13	16		
03-05			20	19	22	29	17	24	17	16	13	10	20	21	19		
06-08			21	19	22	32	22	21	28	17	16	13	21	18	22		
09-11			21	20	25	25	20	20	18	13	13	18	21	24	20		
12-14			14	17	24	20	17	9	8	8	13	16	24	15	15		
15-17			16	19	19	21	15	8	5	7	8	16	25	14	14		
18-20			14	19	22	25	12	11	9	6	5	9	12	16	13		
21-23			11	18	19	27	15	17	9	6	7	8	15	12	14		
ALL HRS			17	18	22	26	17	17	14	11	10	11	17	19	17	4	
4 CEILING LESS THAN 200 FT AND/OR VISI- BILITY LESS THAN 1 MI		00-02		2	3	3	8	1	3	1	1	1	2	1	2		
	03-05		3	3	6	8	1	4	3	3	1	3	4	1	3		
	06-08		4	4	4	5	1	4	1	1	1	2	4	2	3		
	09-11		4	2	2	2	0	0	0	0	1	2	1	1	1		
	12-14		2	3	3	3	0	0	0	0	0	1	1	1	1		
	15-17		1	3	3	1	0	0	0	0	0	1	1	3	1		
	18-20		1	4	3	5	0	1	0	0	0	1	2	1	1		
	21-23		1	2	3	5	1	3	2	1	0	1	2	1	1		
	ALL HRS		2	3	3	5	1	2	1	1	1	2	1	2	4		

AWS CLIMATIC BRIEF															MEAN		RELATIVE HUMIDITY (%)		WIND		SURFACE WINDS		PRECIP		SNOW		POD		TEMPERATURE (°F)											
MONTH	[TEMPERATURE (°F)]					PRECIPITATION (IN)					[SNOWFALL (IN)]		LET	REL	WIND	DIRECTION	SPEED	SURFACE WINDS		PRECIP (IN)	SNOW (IN)	POD	TEMPERATURE (°F)																	
	MEAN		EXTREME		MONTHLY		MONTHLY		MAX	MIN	MAX	MIN						MAX	MIN				MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX							
	DAILY		MONTHLY		MONTHLY		MONTHLY																																	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN																										MAX	MIN	MAX	MIN	MAX	MIN	MAX
JAN	26	12	20	32	-17	3.7	5.9	0.1	2.1	24	65	21	83	79	109	15	100	W	14	74	6	15	2	11	2	0	0	0	0	28	1	0	0	0	26	1	0	0	24	0
FEB	27	12	20	51	-15	3.4	4.3	1.4	2.9	23	56	15	82	76	108	14	100	W	13	78	6	14	2	11	4	0	0	0	26	1	0	0	24	0	0	0	24	0		
MAR	33	20	27	60	-11	3.1	7.7	1.7	1.7	19	50	16	86	76	122	12	100	W	14	73	6	13	2	9	2	0	0	0	24	0	0	0	24	0	0	0	24	0		
APR	44	30	37	74	10	2.8	7.2	0.6	3.5	8	33	15	81	65	117	30	100	NNE	12	75	6	12	2	4	1	0	0	0	24	0	0	0	24	0	0	0	24	0		
MAY	57	40	48	85	23	3.1	5.8	0.8	2.3	1	7	3	74	55	124	39	100	SSW	11	52	6	13	2	0	0	0	0	0	24	0	0	0	24	0	0	0	24	0		
JUN	67	50	58	90	32	3.0	5.4	1.2	2.3	0	0	0	80	60	135	49	100	SSW	11	74	6	12	2	0	0	0	0	0	24	0	0	0	24	0	0	0	24	0		
JUL	74	58	66	92	44	2.6	4.8	0.3	2.1	0	0	0	82	62	127	57	100	SSW	10	50	6	11	1	0	0	0	0	0	24	0	0	0	24	0	0	0	24	0		
AUG	73	57	65	92	40	3.2	7.7	1.3	4.4	0	0	0	80	59	145	56	100	SSW	11	52	6	10	2	0	0	0	0	0	24	0	0	0	24	0	0	0	24	0		
SEP	65	51	56	89	32	3.3	5.1	0.4	4.3	0	0	0	81	59	135	49	100	SSW	11	75	6	10	2	0	0	0	0	0	24	0	0	0	24	0	0	0	24	0		
OCT	55	41	48	76	22	3.5	5.7	1.9	2.7	0	2	2	82	66	126	41	100	W	13	70	6	12	2	0	0	0	0	0	24	0	0	0	24	0	0	0	24	0		
NOV	44	32	38	67	9	4.4	6.4	1.8	3.6	5	19	11	86	74	119	33	100	W	13	66	7	14	2	3	2	0	0													

[illegible]

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CHIBOUGAMAU/CHAPPAIS, QUE', CANADA  
 LOCATION: 49 46'N 74 31'W  
 PREPARED BY: USAFETAC/ECR, JAN 1987

STATION #: 718220  
 ELEVATION (FEET): 1270  
 PERIOD: 7701-8512

ICAO ID: YMT  
 LST - GMT: -5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DLY MAX 1	7	14	26	40	57	66	71	68	56	44	30	13	41
MEAN 1	-4	4	15	31	46	56	61	58	48	38	24	5	32
MEAN DLY MIN 1	-12	-6	4	22	37	47	52	50	41	32	18	-3	24
EXTREME MIN	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	27	31	26	13	2	0	0	5	21	28	31	215
# DAYS < 0 1	26	19	14	2	0	0	0	0	0	0	#	17	78
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (05 LST) 1	74	75	77	80	83	87	89	93	93	91	88	80	84
RH (15 LST) 1	72	66	56	57	53	54	56	58	68	72	80	78	64
VAPOR PRESS 1	.04	.06	.08	.13	.21	.31	.38	.38	.29	.20	.12	.06	.19
DEWPOINT	*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN SPEED (PVLG DRCTN)	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN SPEED (ALL OBS)	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	2550	1950	2100	2150	1900	1950	1800	1750	1850	2150	2100	2250	2550
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS TSTMS 1	0	0	0	0	3	5	8	6	4	0	0	0	26
DAYS FOG < 7 1	0	3	2	3	6	7	7	9	9	7	5	3	63
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN



REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ - % CALM > PVLG DRCTN  
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512  
 2.  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	31	31	30	35	30	22	17	21	29	48	54	43	33
03-05 LST	32	29	29	41	33	29	24	30	43	51	52	46	37
06-08 LST	35	35	32	43	37	34	28	34	52	54	56	49	42
09-11 LST	34	32	32	40	36	33	32	34	56	55	59	48	41
12-14 LST	35	31	32	41	34	30	28	28	47	52	64	47	39
15-17 LST	35	32	31	37	29	24	18	22	34	47	57	47	31
18-20 LST	31	32	29	32	27	22	14	17	27	40	52	44	30
21-23 LST	32	30	26	34	25	21	13	16	29	39	53	45	30
ALL HOURS	33	32	30	38	31	27	22	25	40	48	56	36	36

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	24	15	24	18	14	11	13	16	29	37	28	21
03-05 LST	22	22	17	30	25	20	16	23	28	35	37	31	26
06-08 LST	27	25	21	34	28	26	19	26	33	38	40	37	30
09-11 LST	27	26	22	29	23	19	17	17	29	38	42	36	27
12-14 LST	25	21	20	26	16	13	8	10	19	28	46	34	22
15-17 LST	24	22	16	22	13	9	5	8	14	23	40	34	17
18-20 LST	21	22	17	21	15	9	6	8	15	20	33	30	18
21-23 LST	22	22	13	24	16	13	7	10	15	22	33	32	19
ALL HOURS	24	23	18	26	19	15	11	14	21	29	39	33	23

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	13	10	16	12	8	6	8	10	19	24	16	12
03-05 LST	12	12	11	18	17	13	11	17	17	21	22	20	16
06-08 LST	16	16	13	23	19	16	12	17	24	26	23	22	19
09-11 LST	16	16	14	20	15	10	10	7	19	21	26	24	17
12-14 LST	15	12	11	17	9	5	3	4	11	16	27	20	13
15-17 LST	17	12	9	15	8	5	2	4	8	15	24	20	12
18-20 LST	13	12	8	15	8	6	3	5	9	12	19	18	11
21-23 LST	12	13	7	13	10	7	4	6	8	15	21	20	11
ALL HOURS	14	13	10	17	12	9	6	9	13	18	23	13	14

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	#	1	#	1	1	#	#	2	#	#	1
03-05 LST	0	1	1	2	1	2	2	2	3	2	1	1	2
06-08 LST	#	1	#	1	#	1	1	2	2	2	1	#	1
09-11 LST	0	#	1	1	#	0	0	0	#	1	1	#	#
12-14 LST	#	0	1	1	0	0	0	0	0	#	1	1	#
15-17 LST	1	0	1	1	0	0	#	0	0	#	1	1	#
18-20 LST	1	#	1	1	0	0	0	0	0	1	1	#	#
21-23 LST	1	0	#	1	#	0	0	0	0	1	#	#	#
ALL HOURS	1	#	1	1	#	1	1	1	1	1	1	#	1

# OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: CHIBOUGAMAU/CHAPPAIS, QUE', CANADA  
 LOCATION: 49 46'N 74 31'W  
 BY: USAFETAC/ECR, JAN 1987

STATION #: 718220  
 ELEVATION (FEET): 1270  
 PERIOD: 7701-8512

ICAO ID: YMT  
 LST - GMT: -5

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	2	#	#	#	#	#	1	1	1	1
03-05 LST	0	#	1	2	#	0	#	0	#	1	1	1	1
06-08 LST	#	#	1	2	1	2	1	#	#	1	1	2	1
09-11 LST	2	1	1	3	4	4	2	1	2	2	2	2	2
12-14 LST	2	#	3	4	2	3	4	2	2	3	2	1	2
15-17 LST	2	#	3	2	2	3	2	2	1	2	2	1	2
18-20 LST	2	1	1	1	#	1	1	#	1	1	2	1	1
21-23 LST	1	#	1	1	#	1	1	#	2	1	1	1	1
ALL HOURS	1	#	2	2	1	2	1	1	1	1	1	1	1

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7701-8512  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	11	9	13	9	7	5	6	8	13	19	14	10
03-05 LST	10	11	9	16	13	10	10	13	14	17	19	16	13
06-08 LST	13	13	11	18	15	12	10	12	20	21	18	17	15
09-11 LST	13	13	11	16	11	6	8	5	13	16	20	18	13
12-14 LST	13	8	10	12	6	3	1	2	9	12	20	15	9
15-17 LST	15	9	8	12	5	3	2	3	6	11	20	16	9
18-20 LST	11	11	8	13	5	5	2	4	6	9	16	15	9
21-23 LST	10	12	6	11	9	5	3	5	7	12	17	17	10
ALL HOURS	12	10	9	14	9	6	5	6	10	14	19	16	11

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	7	5	9	5	4	3	2	3	6	9	7	6
03-05 LST	5	7	6	9	7	6	6	6	7	9	9	8	7
06-08 LST	7	8	8	9	6	5	4	7	9	9	9	10	8
09-11 LST	8	8	6	8	4	2	2	1	5	8	12	10	6
12-14 LST	8	4	6	6	1	#	1	#	4	6	9	9	5
15-17 LST	10	5	5	7	1	1	1	1	2	4	12	11	5
18-20 LST	8	7	6	9	3	2	1	2	1	4	8	9	5
21-23 LST	6	7	3	8	3	2	2	1	3	5	8	9	5
ALL HOURS	7	7	6	8	4	3	3	3	4	6	10	9	6

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	4	2	4	3	1	1	#	1	4	3	3	3
03-05 LST	2	4	3	5	3	3	3	4	4	5	3	3	4
06-08 LST	3	4	5	4	1	2	2	3	4	5	4	5	4
09-11 LST	3	3	4	3	1	0	#	0	1	3	4	5	2
12-14 LST	4	1	2	3	#	0	#	#	1	2	4	5	2
15-17 LST	5	2	2	3	#	0	#	0	#	1	5	5	2
18-20 LST	4	4	2	4	1	0	0	#	#	2	3	4	2
21-23 LST	3	3	1	4	2	1	1	#	1	3	2	3	2
ALL HOURS	4	3	3	4	1	1	1	1	2	3	4	4	3

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	#	1	#	#	#	1	0	0	#
03-05 LST	0	0	#	#	1	1	1	1	2	1	0	#	1
06-08 LST	0	#	#	#	#	#	#	1	1	1	0	0	#
09-11 LST	0	0	#	#	0	0	0	0	#	1	0	0	#
12-14 LST	0	0	0	0	0	0	#	0	0	0	#	0	#
15-17 LST	0	0	#	#	0	0	#	0	0	#	0	#	#
18-20 LST	0	0	0	#	0	0	0	0	0	1	0	#	#
21-23 LST	0	0	0	#	0	0	0	0	0	1	#	0	#
ALL HOURS	0	#	#	#	#	#	#	#	#	1	#	#	#

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: FT CHIMO, CANADA (QUEBEC)  
 LOCATION: 58°50'N, 68°25'W  
 PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 719060  
 ELEVATION (FEET): 112  
 PERIOD: VARIED

ICAO ID: CYVP  
 LST - GMT -5

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	36	43	43	57	77	79	84	84	81	55	50	39	84
MEAN DLY MAX	1	-1	1	9	25	40	55	61	60	48	36	23	4	31
MEAN	1	-9	-7	1	17	34	47	53	52	42	32	17	-2	24
MEAN DLY MIN	1	-16	-14	-7	9	28	38	44	44	36	27	11	-8	17
EXTREME MIN	1	-44	-41	-36	-28	12	19	31	32	19	0	-19	-39	-44
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 32	1	31	28	31	29	25	7	#	#	10	24	29	31	20
# DAYS > 0	1	27	24	23	11	0	0	0	0	0	#	7	23	111
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	.82	.56	.80	.84	1.19	1.27	2.29	2.52	1.94	1.53	1.47	1.14	16.4
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	2	2	1	3	2	3	4	7	6	6	4	2	3	43
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	2	8.2	5.6	7.8	6.7	5.2	1.6	#	#	0.6	8.4	14.2	10.5	68.8
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5	2	1	1	3	1	1	1	0	0	0	1	2	3	14
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (04 LST)	1	71	71	74	80	85	83	85	85	87	84	81	74	80
RH (14 LST)	1	68	67	66	68	69	60	59	60	65	75	77	73	67
VAPOR PRESS	1	.03	.03	.05	.08	.15	.21	.27	.28	.20	.15	.08	.04	.14
DEWPOINT	1	-16	-14	-7	10	26	36	42	42	34	26	12	-8	16
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	SW	W	W	W	N	N	W	W	W	W	WNW	SW	W
MEAN SPEED (PVLG DRCTN)	1	8	11	11	12	10	9	9	10	10	10	10	7	10
MEAN SPEED (ALL OBS)	1	9	8	8	9	9	8	8	7	8	8	9	8	8
MAX (PK GST)	1	52	57	51	47	40	45	54	49	48	70	50	46	70
PRESSURE ALT	1	1200	1100	850	800	750	750	800	800	950	1100	1300	1200	1300
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	6	5	5	7	6	6	6	6	7	6	5	6
DAYS TSTMS	1	0	0	0	#	#	1	1	1	#	0	#	0	3
DAYS FOG < 7	1	2	3	2	5	4	4	7	7	5	4	2	3	48
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE \$ - % CALM > PVLC DRCTN  
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JUN 77 - DEC 84  
 2. WORLDWIDE AIRFIELD DATA, POR 5-11 YRS  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	27	29	25	45	47	34	33	29	35	46	33	28	34
03-05 LST	34	32	27	47	53	38	39	36	41	47	36	24	38
06-08 LST	33	35	30	42	57	39	38	36	43	50	42	30	40
09-11 LST	32	34	24	39	51	38	38	41	47	50	44	30	39
12-14 LST	30	29	22	33	50	33	32	32	47	55	47	24	37
15-17 LST	27	29	25	32	46	26	28	28	35	51	44	26	33
18-20 LST	26	30	23	34	46	25	26	25	31	43	40	24	31
21-23 LST	28	30	23	38	46	30	29	26	33	41	36	26	32
ALL HOURS	30	31	25	39	50	33	33	32	39	48	40	27	36

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	24	17	35	33	20	24	20	21	24	20	22	23
03-05 LST	25	27	20	33	32	25	27	23	24	26	24	20	26
06-08 LST	27	28	23	28	34	24	26	22	21	25	26	23	26
09-11 LST	26	26	21	24	28	19	20	29	23	27	26	23	24
12-14 LST	25	22	19	17	25	13	16	15	17	25	29	18	20
15-17 LST	22	24	18	17	21	11	10	13	14	22	25	18	18
18-20 LST	24	24	17	23	24	11	12	11	14	21	21	19	18
21-23 LST	24	25	16	31	27	13	19	16	19	21	21	21	21
ALL HOURS	24	25	19	26	28	17	20	18	19	24	24	20	22

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	15	12	25	25	16	21	15	14	15	13	15	17
03-05 LST	17	17	13	24	23	18	22	17	16	14	15	11	17
06-08 LST	19	16	13	16	21	13	20	15	14	15	16	12	16
09-11 LST	19	17	11	13	15	9	11	10	10	14	14	14	13
12-14 LST	17	12	10	10	15	6	8	7	5	16	16	10	11
15-17 LST	15	13	11	10	14	4	5	6	7	14	17	12	11
18-20 LST	16	15	9	14	13	5	7	7	9	12	12	12	11
21-23 LST	15	18	11	20	19	7	15	12	13	12	13	12	14
ALL HOURS	17	15	11	17	18	10	14	11	11	14	14	12	14

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	1	2	3	1	2	3	2	#	2	1	2	2
03-05 LST	4	2	2	4	1	1	3	3	1	1	#	2	2
06-08 LST	3	2	2	1	1	#	1	1	1	#	#	#	1
09-11 LST	4	2	1	1	#	0	0	0	0	#	1	1	1
12-14 LST	3	3	3	#	#	0	#	#	#	#	#	1	1
15-17 LST	4	2	3	1	0	0	0	0	#	#	0	1	1
18-20 LST	3	1	1	1	#	0	#	#	#	1	0	1	1
21-23 LST	3	2	1	1	1	0	1	2	#	1	0	1	1
ALL HOURS	3	2	2	2	#	#	1	1	#	1	#	1	1

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: FT CHIMO, CANADA (QUEBEC)  
 LOCATION: 58°50'N, 68°25'W  
 PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 719060  
 ELEVATION (FEET): 112  
 PERIOD: VARIED

ICAO ID: CYVP  
 LST - GMT -5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	#	0	0	0	0	#
03-05 LST	0	0	0	0	0	0	#	0	0	0	0	0	#
06-08 LST	0	0	0	0	0	#	#	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	#	#	0	#	#	0	0	0	#
15-17 LST	0	0	0	#	#	0	#	#	#	0	0	0	#
18-20 LST	0	0	0	0	0	0	0	#	0	0	0	0	#
21-23 LST	0	0	0	#	#	#	#	#	0	0	#	0	#
ALL HOURS	0	0	0	#	#	#	#	#	#	0	#	0	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	2	2	15	17	15	14	11	1	#	7
03-05 LST	#	1	1	3	2	14	18	15	14	13	1	1	7
06-08 LST	#	#	#	3	2	18	21	17	15	11	#	1	7
09-11 LST	0	#	#	3	1	16	17	17	16	11	1	#	7
12-14 LST	0	0	#	2	#	19	8	21	17	11	3	#	8
15-17 LST	0	1	1	2	#	18	15	18	14	12	2	1	7
18-20 LST	0	1	1	2	1	20	14	18	16	12	1	1	7
21-23 LST	0	#	1	3	1	16	17	15	16	9	1	1	7
ALL HOURS	#	1	#	2	1	17	17	17	15	11	1	#	7

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	57	53	38	35	24	3	0	0	5	20	40	51	27
03-05 LST	59	56	43	35	24	5	#	0	4	24	41	49	28
06-08 LST	62	56	40	36	26	5	#	#	6	26	46	52	30
09-11 LST	58	52	36	28	28	4	0	0	6	25	43	45	27
12-14 LST	51	43	32	23	21	5	0	0	4	27	41	43	24
15-17 LST	52	45	31	24	18	3	0	#	3	22	41	43	24
18-20 LST	59	53	34	24	18	3	0	0	4	26	45	50	26
21-23 LST	56	54	38	32	20	2	0	0	5	22	39	49	26
ALL HOURS	57	51	36	30	23	4	#	#	5	24	42	48	29

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	6	6	4	2	1	2	1	3	2	5	6	4
03-05 LST	9	5	5	3	2	1	2	1	4	4	6	5	4
06-08 LST	7	4	5	3	1	1	1	1	3	2	5	4	3
09-11 LST	7	5	4	2	1	2	2	2	3	3	5	2	3
12-14 LST	8	4	5	3	2	3	2	2	4	3	5	2	4
15-17 LST	8	8	7	6	3	4	3	3	7	5	7	3	5
18-20 LST	9	9	7	6	5	3	4	3	6	4	7	3	5
21-23 LST	9	7	7	6	3	3	4	3	3	2	7	5	5
ALL HOURS	8	6	6	4	2	3	2	2	4	3	6	4	4

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JUL 77 - OCT 84  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	14	11	22	20	14	20	12	12	14	11	15	15
03-05 LST	17	16	12	21	17	15	20	15	13	12	14	11	15
06-08 LST	18	15	12	16	17	11	16	13	10	12	14	11	14
09-11 LST	19	16	10	12	11	5	7	7	6	12	12	13	11
12-14 LST	16	12	10	9	12	4	5	6	3	13	14	9	9
15-17 LST	14	13	11	9	10	3	2	4	6	9	13	12	9
18-20 LST	15	15	8	13	11	4	5	5	7	9	10	11	9
21-23 LST	15	17	10	17	15	6	14	10	11	9	10	11	12
ALL HOURS	16	15	10	15	14	8	11	9	9	11	12	12	12

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	8	8	13	8	6	13	7	5	7	7	22	9
03-05 LST	12	11	10	14	8	9	13	9	7	5	9	20	9
06-08 LST	1	10	8	10	8	3	7	7	6	5	9	23	8
09-11 LST	15	11	7	7	5	1	2	3	3	6	7	23	6
12-14 LST	11	10	9	6	5	1	1	2	1	7	8	18	5
15-17 LST	10	10	8	6	5	1	1	1	2	4	7	18	5
18-20 LST	12	10	5	8	6	1	2	2	2	4	6	19	5
21-23 LST	13	11	7	9	6	3	7	6	4	5	6	21	7
ALL HOURS	12	10	8	9	7	1	6	5	4	5	7	20	7

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	4	5	7	3	4	7	5	2	4	4	5	5
03-05 LST	9	6	6	9	3	6	7	6	3	2	2	4	5
06-08 LST	10	5	5	6	3	1	2	2	2	2	3	3	4
09-11 LST	11	7	4	4	2	0	0	0	1	2	3	5	3
12-14 LST	7	6	6	4	2	0	0	0	0	2	3	3	3
15-17 LST	7	6	6	3	1	0	0	0	1	1	3	3	2
18-20 LST	6	6	3	5	2	0	1	1	1	1	2	3	3
21-23 LST	9	6	4	4	3	1	4	3	2	2	2	4	4
ALL HOURS	8	6	5	5	2	1	3	2	1	2	3	4	4

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	1	#	1	#	2	0	#	#	1	1
03-05 LST	2	1	1	2	0	#	1	2	1	#	0	#	1
06-08 LST	2	1	1	#	0	0	#	1	#	0	0	#	#
09-11 LST	3	2	#	0	0	0	0	0	0	0	0	#	#
12-14 LST	2	2	1	0	0	0	#	#	#	0	0	1	#
15-17 LST	2	1	2	0	0	0	0	0	0	0	0	0	#
18-20 LST	2	1	1	#	#	0	#	#	0	#	0	#	#
21-23 LST	2	1	1	#	#	0	0	1	0	#	0	#	#
ALL HOURS	2	1	1	#	#	#	#	1	#	#	#	#	1

PREPARED BY: USAPETAC SEPTEMBER 1979		STATION NAME: MONTREAL IAP, QUEBEC. LOCATION: N45 28 W073 45		CANADA		PERIOD: 1874-1979 ELEV 117 FT		STN LTRS 94797		WMO NO 716270																					
AWS CLIMATIC BRIEF				MEAN		SURFACE WINDS		MEAN NUMBER OF DAYS OCCURRENCE OF		TEMPERATURE																					
M O N T H	TEMPERATURE (°F)				PRECIPITATION (IN)				SHOWFALL (IN)				RELATIVE HUMIDITY (%)		DEW PT (°F)		PVG LG ORCTN		SPEED		CLOUDS		PRECIP (IN)		SHOWFALL (IN)		FOG		TEMPERATURE (°F)		
	DAILY		EXTREME		MONTHLY				MONTHLY				LST		MEAN		MEAN		MEAN		MEAN		MEAN		MEAN		MEAN		MEAN		
	MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MAX	MEAN	MAX	MIN	MAX	MEAN	MAX	MIN	MAX	MEAN	MAX	MIN	MAX	MEAN	MAX	MIN	MAX	MEAN	MAX	MIN	MAX	MEAN	MAX	MIN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
JAN	22	6	14	57	36	3.0	3.9	0.7	1.2	22	37	10	80	74	07	10	0	WSW	10	62	7	17	1	15	6	2	0	0	0	28	3
FEB	24	8	16	54	-29	2.8	5.0	0.8	1.6	23	52	16	78	66	07	9	50	WSW	10	59	6	15	1	14	5	0	2	0	0	26	3
MAR	35	20	28	78	-21	2.8	4.7	0.6	1.5	14	43	17	77	60	11	21	50	WSW	10	58	6	14	2	9	5	0	2	0	0	0	0
APR	51	34	43	81	5	2.9	3.9	1.8	1.3	5	13	7	79	64	18	32	50	SW	10	57	6	13	2	2	1	0	2	1	0	1	0
MAY	65	45	55	93	25	2.6	4.7	1.5	1.5	1	12	9	78	52	29	44	100	SW	9	46	6	13	2	0	0	0	2	1	0	0	0
JUN	75	56	65	95	34	3.3	5.3	1.9	2.1	0	0	0	80	54	42	54	100	SW	9	54	6	12	2	0	0	0	4	1	0	0	0
JUL	79	61	70	96	45	3.4	6.1	1.9	2.1	0	0	0	80	53	50	59	100	SW	8	68	6	10	2	0	0	0	4	2	1	0	0
AUG	77	58	68	96	38	3.4	5.0	1.3	2.7	0	0	0	80	53	49	58	100	SW	7	52	5	10	2	0	0	0	4	2	1	0	0
SEP	69	50	60	91	28	3.2	9.0	1.8	2.8	4	2	2	83	56	38	51	0	SW	8	44	6	13	2	0	0	0	2	2	0	0	0
OCT	57	40	49	83	19	3.0	4.5	1.1	2.2	1	8	6	82	59	26	41	0	SW	9	49	6	12	2	1	0	1	3	0	0	0	0
NOV	42	30	36	71	-3	3.4	4.7	1.7	2.2	9	27	12	81	69	17	30	50	WSW	10	53	7	16	2	6	2	0	3	0	0	0	0
DEC	27	13	20	62	-26	3.4	6.1	1.9	2.0	23	47	15	81	74	09	15	0	WSW	10	56	7	18	2	15	5	0	3	0	0	0	



REMARKS Data is from a wide variety of sources and POR.

NOTE \* DATA NOT AVAILABLE

ANTS - UNITS SHOWN IN HEADING

• INSTANTANEOUS PEAK WINDS

**S. CALMERTS - RIVE ROCHER**

1. BASED ON: ALL MONTHS

SYM LTES CVVD  
WBAH NO 04730  
WMO NO 217750

2		2		2		2		MEAN NUMBER OF DAYS OCCURRENCE OF											
MEAN		P		SURFACE WINDS		C		3		5		4		FOG		TEMPERATURE			
RELATIVE HUMIDITY (%)		PRESSURE		WIND DIRECTION		SPEED		PRECIP (IN)		SNOW FALL (IN)		THUNDER				TEMPERATURE (°F)			
LST		IN HG		KTS		KTS		IN		IN						MAX MIN			
04	13			99.95					0.01	0.5	0.1	1.5				90	77	32	-4
81	74	.04	-3	2050	NW	7	33	6	21	1	1	0	0	0	0	0	0	27	7
80	66	.05	11	1900	NW	7	33	6	16	1	14		0	0	0	0	27	2	
80	60	.13	24	1950	NW	7	33	6	17	1	8		0	0	0	14	0		
81	55	.21	36	1750	NW	8	27	6	13	1	3		1	0	1	4	0		
84	53	.31	46	1750	SW	7	27	6	13	2	0		2	0	2	0	0		
88	58	.39	52	1650	SW	6	33	6	15	3	0		4	0	3	0	0		
91	63	.38	51	1600	SW	6	27	7	12	2	0		4	0	1	1	0	0	
91	68	.30	45	1750	S	7	27	7	15	4			2	0	1	0	1	0	
88	69	.20	34	1850	S	7	27	7	16	2	6		0	0	0	8	8	0	
87	79	.12	23	2050	S	7	33	8	19	1	16		0	0	0	20	7		
84	80	.06	6	2000	S	6	27	7	20	1	20		0	0	0	28	7		
85	67	.15	28	1850	S	7	33	7	194	18	105		13	1	7	160	28		
10	19	10	10	10	18	10	10	10	12	12	12		3	1	10	10	10	10	

REMARKS

- Source: 1. Canadian Airport Handbook; POR: 1951-1973  
2. RUSSWO; POR: Jan 57-Dec 66  
3. Monthly Record for Canada; POR: 1962-1976

4. World-Wide Airfield Summaries; POR: UNKN

NOTE: \*DATA NOT AVAILABLE JANUARY TO MARCH

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Ann	ETB
2	00-02	40	31	23	25	23	16	15	22	27	33	54	42	29	
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	03-05	38	36	26	29	29	20	22	30	34	40	57	42	34	
	06-08	36	40	30	34	32	24	26	37	41	49	61	45	38	
	09-11	37	36	28	34	33	27	26	38	45	52	59	47	42	
	12-14	38	38	28	31	30	25	22	33	41	47	62	47	37	
	15-17	35	35	27	27	27	16	23	33	41	59	45	32		
	18-20	34	33	24	26	24	17	13	17	27	32	51	45	29	
	21-23	36	31	21	22	21	16	12	17	24	31	51	41	27	
	ALL HRS	37	35	26	29	27	20	19	27	34	41	57	44	33	10
2	00-02	24	19	12	15	16	9	8	15	18	17	36	28	18	
CEILING LESS THAN 1500 FT AND/OR VISIBILITY LESS THAN 3 MI	03-05	25	22	15	18	20	13	15	23	24	25	38	29	22	
	06-08	25	23	17	20	22	17	16	28	31	31	42	31	25	
	09-11	27	25	17	18	19	16	14	23	28	34	43	33	25	
	12-14	24	22	15	16	14	10	8	14	19	25	40	30	20	
	15-17	23	22	14	14	11	8	6	12	16	19	40	30	18	
	18-20	22	20	11	13	11	8	6	9	15	16	32	27	16	
	21-23	21	17	10	14	12	9	6	10	13	16	31	27	16	
	ALL HRS	24	21	14	16	16	11	10	17	21	23	38	30	20	10
2	00-02	14	10	7	11	10	6	4	12	12	11	25	16	13	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI	03-05	15	12	10	13	13	9	10	18	17	15	25	19	16	
	06-08	14	13	11	15	16	11	12	20	23	21	31	19	17	
	09-11	17	16	11	12	11	10	9	15	20	24	31	21	16	
	12-14	15	15	9	11	11	5	5	7	13	17	29	21	13	
	15-17	15	15	9	9	8	5	3	6	11	14	30	18	12	
	18-20	14	12	7	8	7	5	3	6	12	11	21	16	10	
	21-23	13	10	6	10	8	5	3	7	9	11	19	17	8	
	ALL HRS	15	13	9	11	10	7	6	11	14	15	27	18	13	10
2	00-02	1	1	1	1	1	0	0	2	1	1	3	1	1	
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI	03-05	1	1	1	2	1	0	1	3	2	1	4	1	2	
	06-08	1	2	2	2	1	0	1	3	2	2	4	0	2	
	09-11	2	1	1	1	0	0	0	0	0	0	3	2	1	
	12-14	1	1	1	0	0	0	0	0	0	0	1	2	1	
	15-17	2	2	1	0	0	0	0	0	0	0	2	2	1	
	18-20	1	2	1	1	0	0	0	0	0	0	2	2	1	
	21-23	1	2	0	1	0	0	0	1	1	0	2	1	1	
	ALL HRS	1	2	1	1	0	0	0	1	1	1	3	1	1	10

PREPARED BY USAPETAC November 1977				STATION NAME REGINA 1RPT, SASKATCHEWAN LOCATION NSO 26 W104 40				PERIOD 1883-1976 B ELEV 1894'				SYM LTR CYJR WBAN NO 25005 WMO NO 72663																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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REMARKS Data from a wide variety of sources and POR.

NOTE * DATA NOT AVAILABLE P AMTS UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS S CALM WIND P VLG DRCTN H BASED ON FULL MONTHS																
CAY PRG (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	BYR	
CEILING LESS THAN 3000 FT AND OR VISIBILITY LESS THAN 3 MI	00-02	27	27	23	20	13	5	3	8	13	14	29	30	18		
	03-05	30	33	23	22	15	9	3	15	13	18	33	29	20		
	06-08	32	35	27	27	17	9	7	17	19	18	28	30	22		
	09-11	31	29	23	27	21	13	11	19	24	19	23	21	22		
	12-14	23	24	23	25	16	9	6	14	21	14	17	23	18		
	15-17	19	25	19	20	12	3	3	8	18	10	14	23	14		
	18-20	23	22	21	22	9	4	2	6	14	9	15	24	15		
	21-23	24	28	24	22	11	5	1	6	12	11	23	28	16		
	ALL HRS	26	28	23	23	14	7	4	11	17	14	23	27	18		1
	ALL HRS	26	28	23	23	14	7	4	11	17	14	23	27	18		1
CEILING LESS THAN 1500 FT AND OR VISIBILITY LESS THAN 3 MI	00-02	18	20	17	16	7	4	1	4	6	10	21	19	12		
	03-05	22	23	17	16	12	7	2	8	10	14	23	21	15		
	06-08	25	24	20	20	14	8	6	13	14	15	18	23	17		
	09-11	25	22	18	20	11	8	4	14	14	13	18	22	16		
	12-14	18	19	15	16	5	4	2	7	7	9	12	19	11		
	15-17	14	17	12	11	2	1	2	6	7	4	9	19	9		
	18-20	15	13	16	13	2	2	2	5	9	3	10	19	9		
	21-23	18	19	15	13	4	3	1	4	9	2	17	18	11		
	ALL HRS	20	20	16	16	7	5	3	8	10	9	16	20	12		1
	ALL HRS	20	20	16	16	7	5	3	8	10	9	16	20	12		1
CEILING LESS THAN 1000 FT AND OR VISIBILITY LESS THAN 2 MI	00-02	15	16	14	13	5	3	0	2	6	7	15	13	9		
	03-05	18	16	12	15	10	7	1	4	6	10	17	14	11		
	06-08	18	18	14	15	11	6	2	9	9	10	15	17	12		
	09-11	20	17	13	13	8	4	2	9	6	9	13	17	11		
	12-14	12	12	11	9	2	2	1	6	5	4	9	15	7		
	15-17	11	11	9	6	1	1	1	4	5	2	6	13	6		
	18-20	13	7	11	10	0	1	1	2	4	2	7	13	9		
	21-23	13	15	10	9	2	3	0	2	5	3	11	13	13		
	ALL HRS	15	14	12	11	5	3	2	5	6	6	12	14	9		4
	ALL HRS	15	14	12	11	5	3	2	5	6	6	12	14	9		4
CEILING LESS THAN 500 FT AND OR VISIBILITY LESS THAN 1/2 MI	00-02	1	2	2	2	0	0	0	0	0	1	0	0	1		
	03-05	2	2	2	3	0	2	0	1	1	1	1	1	2		
	06-08	2	2	1	4	1	2	0	1	2	1	5	2	2		
	09-11	3	1	0	2	0	0	0	1	0	1	1	4	1		
	12-14	1	2	1	0	0	0	0	0	0	0	0	1	1		
	15-17	2	2	0	1	0	0	0	0	0	0	0	1	1		
	18-20	1	1	0	1	0	1	0	0	0	0	0	0	0		
	21-23	1	2	1	1	0	0	0	0	0	0	1	0	1		
	ALL HRS	2	2	1	2	0	0	0	0	0	1	2	2	1		4
	ALL HRS	2	2	1	2	0	0	0	0	0	1	2	2	1		4

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KOMAKUK BEACH YT, CANADA  
 LOCATION: 69°36'N, 140°10'W  
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 719690  
 ELEVATION (FEET): 24  
 PERIOD: 7707-8512

ICAO ID: YAJ  
 LST - GMT: -8  
 6 HRLY

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DLY MAX	1	-4	-11	-10	3	25	44	51	50	39	19	4	-4	18
MEAN	1	-8	-15	-14	-2	23	38	43	42	33	13	-4	-10	18
MEAN DLY MIN	1	-14	-21	-18	-6	18	34	38	38	29	11	-6	-14	8
EXTREME MIN		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32	1	31	28	31	30	30	15	5	8	22	31	30	31	292
# DAYS ≤ 0	1	25	25	30	22	1	0	0	0	0	6	20	26	155
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (04 LST)	1	80	76	78	81	91	93	94	94	94	87	82	79	86
RH (16 LST)	1	82	80	79	83	91	83	81	84	89	88	82	78	83
VAPOR PRESS	1	.03	.03	.02	.05	.12	.21	.27	.26	.18	.09	.04	.03	.11
DEWPOINT		*	*	*	*	*	*	*	*	*	*	*	*	*
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	W	W	W	W	E	E	E	W	W	W	W	W	W
MEAN SPEED														
(PVLG DRCTN)	1	15	14	12	11	14	13	13	9	9	10	13	14	12
MEAN SPEED														
(ALL OBS)	1	14	12	12	10	10	10	8	7	8	8	10	12	10
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	700	600	550	350	400	450	450	500	550	600	650	800	800
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	3	3	4	5	5	5	6	6	6	4	4	5
DAYS TSTMS	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7	1	4	3	6	6	11	10	12	10	11	5	4	1	83
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ - % CALM > PVLG DRCTN  
 ¢ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7707-8512 6 HRLY  
 2.  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	37	23	30	32	58	42	48	57	53	51	37	32	42
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	37	28	36	34	57	38	45	51	55	60	42	36	43
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	38	28	36	25	49	30	26	42	52	52	40	35	34
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	40	24	29	25	56	33	30	52	56	49	38	32	39
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	31	16	23	22	47	37	39	46	36	31	24	25	31
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	28	21	29	27	46	29	37	40	41	40	30	26	33
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	33	23	28	20	33	21	15	32	38	34	30	28	28
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	32	16	22	20	40	21	21	39	42	28	27	26	28
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	23	14	17	13	29	30	33	31	25	16	14	17	22
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	24	15	22	20	25	23	27	27	33	26	18	21	23
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	28	19	23	12	16	10	9	20	25	20	21	22	19
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	27	11	17	12	23	14	14	26	27	18	15	19	19
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	12	7	10	5	7	8	14	9	8	4	6	8	8
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	12	7	9	5	3	3	5	5	6	4	4	11	6
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	12	11	12	5	3	#	1	2	5	4	7	11	6
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	13	6	10	5	4	3	5	6	8	3	7	6	6
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KOMAKUK BEACH YT, CANADA  
LOCATION: 69°36'N, 140°10'W  
PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 719690  
ELEVATION (FEET): 24  
PERIOD: 7707-8512

ICAO ID: YAK  
LST - GMT: -8  
6 HRLY

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	*	4	9	12	5	*	*	0	3
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	*	3	10	10	6	*	0	0	2
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	*	6	5	7	5	0	0	0	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	1	4	6	10	7	0	0	0	2
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	8	8	10	9	6	3	1	2	14	21	17	16	10
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	9	9	7	10	9	6	*	4	17	24	15	14	10
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	7	5	3	6	6	4	0	2	11	23	15	8	8
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	9	7	6	9	4	5	0	2	13	27	14	12	9
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	19	10	9	4	5	1	*	1	1	8	6	10	5
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	16	12	8	6	5	1	1	2	2	7	9	10	6
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	17	9	12	6	9	2	1	2	2	4	8	11	6
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	17	10	7	2	5	3	1	1	2	5	8	9	5
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR7707-8512 6 HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	23	13	16	11	23	25	32	28	23	13	14	17	20
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	24	15	21	18	20	17	23	23	29	21	17	21	21
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	28	19	22	10	14	7	8	15	20	15	19	22	17
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	27	11	17	11	18	13	13	22	23	15	14	17	19
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	21	13	15	10	17	20	25	22	19	16	13	17	17
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	22	15	19	16	12	10	16	16	15	14	14	20	16
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	26	18	20	9	8	5	4	11	14	10	16	19	13
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	25	8	16	10	10	9	8	14	18	10	13	17	13
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	18	9	10	8	12	17	19	16	15	7	11	12	13
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	19	12	15	16	10	6	12	11	15	11	9	15	13
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	20	14	17	6	5	3	2	6	8	6	11	15	9
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	19	8	13	8	8	6	7	11	14	6	11	12	10
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	7	4	5	2	5	5	9	6	5	2	3	6	5
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	8	4	6	3	1	2	4	3	3	2	3	8	4
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	8	6	6	2	1	#	#	1	2	3	4	8	3
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	9	5	5	3	2	2	4	3	5	1	4	5	4
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SHINGLE POINT, YT, CANADA  
 LOCATION: 68°56'N, 137°14'E  
 PREPARED BY: USAFETAC/BCR, NOV 1986

STATION #: 719680  
 ELEVATION (FEET): 123'  
 PERIOD: 7707-8512,

ICAO ID: CYUA  
 LST - GMT: -8  
 6 HRLY

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DLY MAX 1	-4	-10	-7	5	28	50	59	57	43	21	5	-4	21
MEAN 1	-9	-14	-12	0	26	43	51	47	35	17	-3	-9	21
MEAN DLY MIN 1	-15	-19	-17	-4	18	37	45	42	32	13	-6	-15	10
EXTREME MIN	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	31	30	31	17	5	9	24	31	30	31	295
# DAYS < 0 1	26	25	29	20	3	0	0	0	0	7	20	27	152
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS >= 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS >= 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (04 LST) 1	80	76	76	81	90	92	91	92	92	87	82	79	85
RH (16 LST) 1	79	78	78	83	88	78	76	75	84	87	83	79	81
VAPOR PRESS 1	.03	.03	.02	.05	.13	.24	.33	.29	.02	.09	.05	.03	.12
DEWPOINT 1	14	19	11	19	23	37	46	43	33	20	16	14	32
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	ESE	W	\$W	\$WNW	WNW	NNW	NNW	NWN	WNW	W	\$W	SSW	WNW
MEAN SPEED (PVLG DRCTN) 1	11	9	8	8	8	8	10	10	11	8	8	23	10
MEAN SPEED (ALL OBS) 1	11	11	8	7	7	7	8	8	9	10	9	12	9
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	950	800	700	500	550	550	500	650	750	900	1050	1000	1050
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	4	4	3	5	5	5	5	6	6	6	5	4	5
DAYS TSTMS 1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS FOG < 7 1	4	4	3	4	0	0	0	0	0	0	0	0	60
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN



REMARKS: \* - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ - % CALM > PVLG DRCTN  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 770701-651231, 6 HRLY  
 2.  
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	31	25	21	29	52	41	46	52	49	51	32	33	39
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	32	31	29	32	48	40	46	49	52	59	47	34	42
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	34	32	24	24	39	30	32	37	48	55	39	34	36
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	32	26	18	29	45	35	36	43	51	52	34	29	36
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	21	20	12	15	42	29	37	40	35	31	23	25	28
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	22	27	18	22	37	29	36	40	43	45	33	23	32
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	25	28	14	16	26	20	22	26	36	40	26	25	26
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	23	21	11	18	31	24	26	32	37	34	24	23	26
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	15	12	5	9	29	21	21	27	22	15	16	19	18
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	15	19	11	15	24	20	22	23	33	31	21	14	21
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	19	20	7	10	14	14	12	15	22	24	19	17	16
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	16	16	6	11	18	17	15	19	21	17	12	16	15
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	7	6	3	3	10	13	8	10	7	4	3	8	7
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	6	3	1	3	5	4	2	2	8	4	5	5	4
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	11	8	2	2	1	1	1	1	3	3	3	7	4
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	7	6	1	1	4	3	2	4	5	3	3	8	4
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SHINGLE POINT, YT, CANADA  
 LOCATION: 68°56'N, 137°14'N  
 PREPARED BY: USAFETAC/ECR, NOV 1986

STATION #: 719680  
 ELEVATION (FEET): 123'  
 PERIOD: 7707-8512

ICAO ID: CYUA  
 LST - GMT: -8  
 6 HRLY

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	3	6	11	17	9	#	#	0	4
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	5	12	14	8	0	0	0	3
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	0	5	5	9	8	#	0	0	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	1	5	9	10	9	#	0	0	3
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	12	13	22	16	14	4	0	1	13	35	26	16	15
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	13	9	16	17	12	5	#	2	13	30	18	22	13
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	9	12	12	17	11	3	#	2	11	28	17	14	11
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	13	13	17	15	11	5	0	3	10	36	26	17	14
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

## 4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	10	8	3	2	1	0	1	2	2	5	8	11	4
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	11	8	5	3	1	#	1	2	2	5	6	15	5
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	13	8	3	2	1	#	#	1	1	3	4	12	4
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	13	11	5	1	#	0	#	1	1	4	6	13	4
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: \* - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES  
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 770701-851231, 6 HRLY  
 2.  
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	14	12	5	9	25	19	19	25	17	14	14	19	16
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	14	19	11	14	18	18	17	19	29	25	19	13	18
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	18	18	7	9	11	12	9	10	18	21	17	16	14
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	14	16	5	11	13	14	12	16	15	13	10	15	13
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	12	12	5	8	19	18	14	19	12	10	12	19	13
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	13	16	10	12	11	12	7	9	21	18	14	13	13
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	16	17	7	8	8	7	6	5	14	16	11	15	11
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	13	14	3	9	10	8	7	10	11	10	9	14	10
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	10	10	4	7	14	18	10	13	10	6	7	14	10
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	10	8	5	8	7	8	4	5	13	11	10	9	8
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	14	12	5	5	3	4	2	4	8	12	7	12	7
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	12	12	3	5	7	5	4	6	7	6	7	11	7
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	5	4	1	#	6	10	6	6	5	2	1	4	4
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	5	2	1	1	2	2	1	2	3	3	2	3	2
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	7	5	1	1	#	0	#	#	2	2	2	4	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	6	3	#	1	3	2	1	2	3	1	2	5	2
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: WHITEHORSE, CANADA  
 LOCATION: 6043N 13504W  
 PREPARED BY: USAFETAC/ECO, FEB 1990

STATION #: 719640  
 ELEVATION (FEET): 2307  
 PERIOD: 7707-8812

ICAO: CYXY  
 LST = GMT - 8

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE ( F )														
EXTREME MAX	2	48	53	53	69	86	94	91	86	80	66	53	47	94
MEAN DAILY MAX	1	12	18	31	42	55	64	68	65	54	41	22	12	40
MEAN	1	5	9	22	33	45	53	57	54	44	34	17	5	32
MEAN DAILY MIN	1	-1	2	13	23	33	41	46	43	36	28	11	-1	23
EXTREME MIN	2	-62	-60	-41	-18	11	27	32	24	11	-19	-41	-54	-62
# DAYS GE 90	1	0	0	0	0	0	#	#	0	0	0	0	0	#
# DAYS LE 32	1	31	28	30	27	14	2	#	1	10	19	29	30	221
# DAYS LE 0	1	16	12	6	1	0	0	0	0	0	1	7	16	59
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	0.7	0.5	0.5	0.4	0.5	1.2	1.3	1.5	1.2	0.8	0.8	0.8	10.2
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	0.4	0.4	0.4	0.6	0.5	1.2	0.8	1.2	0.9	0.9	0.4	0.7	1.2
# DAYS PRECIP	2	12	10	9	6	6	9	11	11	11	10	12	13	120
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	2	8.4	6.0	6.5	4.1	1.1	0.4	0.0	0.3	1.8	6.3	9.4	9.5	53.8
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	5.5	4.1	10.7	6.4	4.8	5.0	0.0	3.4	8.5	4.8	5.7	10.6	10.7
# DAYS SNOWFALL	2	13	10	9	5	2	#	0	#	1	8	12	13	73
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT ( F )														
RH (05 LST)	1	70	69	70	69	72	73	79	80	80	76	76	71	74
RH (16 LST)	1	70	61	53	42	38	40	46	47	53	60	74	71	55
VAPOR PRESS	1	.06	.06	.08	.11	.16	.22	.29	.27	.20	.15	.09	.06	.15
DEWPOINT	1	-1	1	11	18	27	36	43	41	34	25	10	0	20
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	SSE
MEAN SPEED														
(PVLG DRCTN)	1	13	13	11	10	10	10	8	10	11	12	12	13	11
MEAN SPEED														
(ALL OBS)	1	8	8	7	7	7	7	6	6	7	8	8	7	7
MAX PEAK GUST	1	39	44	38	40	36	36	43	40	47	42	44	49	49
PRESSURE ALT	1	3490	3530	3230	3270	2910	3090	2710	3070	3160	3380	3680	3510	3680
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (ENBD)														
CLD COVER	1	5	5	5	5	5	6	6	6	6	6	6	5	6
DAYS TSTMS	1	0	0	0	0	1	4	3	1	0	0	0	0	9
DAYS FOG LT 7	1	7	3	1	1	1	2	3	3	4	4	6	8	41
DAYS ENBD LT 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

REMARKS: \* = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS  
 APPLICABLE \$ = % CALM GT PVLGN DRCTN  
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE HOURLY, JUL 77-DEC 88  
 2. CANADIAN CLIMATE NORMALS , TEMPERATURE AND PRECIPITATION, THE NORTH-  
 Y.T NS N.W.T., 1951-1980. TEMPERATURE AND PRECIPITATION EXTREMES  
 ARE BASED ON A PERIOD OF RECORD OF 38-39.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY  
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	14	9	5	3	3	4	5	10	20	38	25	13
03-05 LST	22	17	10	6	4	4	5	6	13	22	38	24	14
06-08 LST	24	19	14	7	5	5	6	8	15	22	39	25	16
09-11 LST	23	15	11	6	5	4	7	8	14	21	39	24	15
12-14 LST	20	11	7	6	6	3	4	6	12	17	31	22	12
15-17 LST	15	10	8	3	3	1	3	3	8	12	29	20	10
18-20 LST	20	11	8	4	2	1	3	2	7	16	35	23	11
21-23 LST	22	13	11	4	4	2	4	4	9	18	35	24	12
ALL HOURS	21	14	10	5	4	3	4	5	11	18	35	24	13

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	8	5	2	1	#	1	2	5	12	27	18	8
03-05 LST	16	11	6	3	1	2	1	2	5	13	28	17	9
06-08 LST	18	12	8	3	2	1	2	4	8	14	28	17	10
09-11 LST	16	12	7	4	2	1	3	3	6	14	27	18	9
12-14 LST	14	8	5	2	0	#	1	2	4	9	20	16	7
15-17 LST	11	5	4	1	1	#	1	1	2	5	19	14	5
18-20 LST	13	6	5	2	#	#	#	1	2	7	23	19	7
21-23 LST	16	7	5	1	1	0	1	1	3	10	24	20	7
ALL HOURS	15	9	6	2	1	1	1	2	5	11	24	17	8

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	5	3	1	#	#	#	1	4	8	20	14	6
03-05 LST	12	7	4	1	1	1	1	1	4	8	21	14	6
06-08 LST	13	9	6	2	1	1	2	2	6	9	20	14	7
09-11 LST	13	9	5	3	1	1	1	2	4	11	20	14	7
12-14 LST	9	5	2	1	#	#	#	1	2	6	16	12	5
15-17 LST	7	3	2	1	#	#	#	#	1	3	13	11	3
18-20 LST	10	3	2	1	0	#	#	#	1	4	15	16	4
21-23 LST	12	4	3	1	#	0	#	1	2	6	16	16	5
ALL HOURS	11	6	3	1	1	#	1	1	3	7	18	14	5

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	1	#	0	0	0	#	0	#	1	3	2	1
03-05 LST	3	1	#	0	0	#	#	#	#	2	3	2	1
06-08 LST	3	1	#	#	0	#	#	1	2	1	3	2	1
09-11 LST	2	1	#	1	0	0	0	#	#	1	3	4	1
12-14 LST	2	#	#	0	0	0	0	0	#	1	1	4	1
15-17 LST	1	#	#	#	0	0	0	0	0	#	1	3	#
18-20 LST	1	#	#	#	0	0	#	0	0	#	1	2	#
ALL HOURS	2	1	#	0	0	0	0	0	0	1	2	3	1

# OPERATIONAL CLIMATIC DATA SUMMARY

STATION: WHITEHORSE, CANADA  
LOCATION: 6043N 13504W  
PREPARED BY: USAFETAC/ECO, FEB 1990

STATION #: 719640  
ELEVATION (FEET): 2307  
PERIOD: 7707-8812

ICAO:  
LST = GMT - 8

## 1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	#	0	0	0	0	0	#
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	#	0	0	0	0	0	0	#
12-14 LST	0	0	0	0	#	1	1	#	0	0	0	0	#
15-17 LST	0	0	0	0	#	3	2	1	0	0	0	0	#
18-20 LST	0	0	0	0	#	1	2	#	0	0	0	0	#
21-23 LST	0	0	0	0	0	#	#	#	0	0	0	0	#
ALL HOURS	0	0	0	0	#	1	1	#	0	0	0	0	#

## 2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	#	1	5	7	11	12	13	6	1	#	5
03-05 LST	1	1	0	1	6	7	11	12	12	6	1	#	5
06-08 LST	1	1	#	1	5	8	12	11	11	5	2	1	5
09-11 LST	#	#	0	1	6	8	14	12	11	6	1	#	5
12-14 LST	#	1	#	2	9	9	15	12	13	4	1	#	6
15-17 LST	1	1	0	2	7	13	14	12	12	6	1	#	6
18-20 LST	1	#	1	1	7	11	14	12	10	7	1	#	6
21-23 LST	1	1	#	#	5	9	13	12	11	5	1	#	5
ALL HOURS	1	1	#	1	6	9	13	12	11	6	1	#	5

## 3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	27	23	15	7	1	0	0	1	1	15	29	31	13
03-05 LST	30	28	17	7	1	0	#	1	2	16	31	33	14
06-08 LST	30	28	20	8	2	0	0	1	2	16	34	32	14
09-11 LST	30	28	19	8	1	#	#	#	3	17	33	30	14
12-14 LST	30	24	13	8	1	#	0	#	2	12	31	31	13
15-17 LST	24	18	12	6	1	0	0	#	1	9	29	29	11
18-20 LST	26	17	12	6	#	0	0	1	2	10	29	32	11
21-23 LST	27	22	15	6	1	0	0	1	2	13	30	33	12
ALL HOURS	28	24	16	7	1	#	#	1	2	14	31	31	13

## 4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	3	1	1	1	0	#	#	2	4	4	5	2
03-05 LST	5	4	1	1	#	0	0	1	2	4	4	4	2
06-08 LST	5	3	1	1	1	#	0	1	2	3	3	5	2
09-11 LST	4	3	2	2	1	1	#	2	1	3	4	5	2
12-14 LST	5	4	3	6	2	2	1	3	5	7	5	4	4
15-17 LST	4	4	3	6	4	4	2	3	5	7	3	5	4
18-20 LST	3	5	1	3	3	2	1	2	2	4	3	5	3
21-23 LST	4	3	1	1	0	#	#	1	1	4	3	5	2
ALL HOURS	4	4	2	2	1	1	1	2	2	5	4	5	3

REMARKS: \* = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES  
 # = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE HOURLY, JUL 77-DEC 88  
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	4	3	1	#	#	#	1	4	7	17	13	5
03-05 LST	11	6	4	1	1	1	1	1	4	8	17	13	6
06-08 LST	12	8	5	2	1	1	2	2	5	8	18	13	6
09-11 LST	12	8	4	2	0	1	1	1	3	8	18	14	6
12-14 LST	9	4	2	1	#	#	#	1	1	5	13	12	4
15-17 LST	7	3	2	1	#	#	#	#	1	2	11	11	3
18-20 LST	9	3	2	1	0	#	#	#	1	4	14	15	4
21-23 LST	11	4	3	1	#	0	#	1	2	5	14	16	5
ALL HOURS	10	5	3	1	#	#	1	1	3	6	15	13	5

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	3	2	1	#	#	#	1	2	4	11	10	3
03-05 LST	8	5	3	#	#	1	#	1	3	6	12	9	4
06-08 LST	9	5	4	1	#	1	1	2	4	6	13	10	5
09-11 LST	9	6	3	2	#	#	#	1	2	5	13	10	4
12-14 LST	6	4	2	1	#	#	0	0	1	2	7	10	3
15-17 LST	4	2	1	1	0	0	0	#	1	1	6	8	2
18-20 LST	5	3	2	1	0	#	#	0	1	3	8	10	3
21-23 LST	7	3	2	#	#	0	#	#	1	3	9	11	3
ALL HOURS	7	4	2	1	#	#	#	1	2	4	10	10	3

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	2	2	#	0	#	#	#	1	1	5	5	2
03-05 LST	5	4	1	#	#	1	#	#	1	3	7	4	2
06-08 LST	6	3	2	1	#	#	#	1	3	4	7	5	3
09-11 LST	7	4	2	1	#	0	0	#	1	4	7	6	3
12-14 LST	4	2	1	#	0	#	0	0	#	1	4	6	2
15-17 LST	2	2	1	#	0	0	0	#	#	#	4	5	1
18-20 LST	3	2	1	1	0	0	#	0	1	1	5	5	2
21-23 LST	5	2	1	#	#	0	0	0	#	1	4	6	2
ALL HOURS	5	2	2	1	#	#	#	#	1	2	5	5	2

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	#	0	0	0	0	#	0	0	#	1	1	#
03-05 LST	1	#	#	0	0	#	#	#	#	1	1	1	#
06-08 LST	2	#	#	#	0	#	0	#	1	1	1	1	1
09-11 LST	1	1	0	#	0	0	0	0	#	1	1	1	#
12-14 LST	1	#	0	0	0	0	0	0	0	#	#	1	#
15-17 LST	0	0	0	0	0	0	0	0	0	0	#	1	#
18-20 LST	#	#	0	0	0	0	#	0	0	0	#	1	#
21-23 LST	1	#	#	0	0	0	0	0	0	0	1	1	#
ALL HOURS	1	#	#	#	0	#	#	#	#	#	1	1	#

AWS CLIMATIC BRIEF										DYE 1/QAQATOQAQ/RED RIVER,										PERIOD: 1962-70 <sup>1</sup>										WBAN # 16508																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Prepared by ETAC (NOV 1971)										N66 38 W52 52 GREENLAND GROUND ELEVATION: 4720 ft STN LTRS:										WMO # 04235 <sup>2</sup>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN						MEAN NUMBER OF DAYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (MAX) SPEED (KNOTS)	RELATIVE HUMIDITY (%)		DEW POINT (°F)	VAPOR PRESSURE (in)	99.95% PRESSURE ALTITUDE (ft)	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F)				MEAN CLOUDS (TENTHS)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
											0300	1500										2	3	4	5		6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	10



AWS CLIMATIC BRIEF															DYE 2/ICE CAP/SEA BASS, GREENLAND PERIOD 1962-70 <sup>1</sup>															WBAN # 16419 WMO # 04163		
Prepared by ETAC (JJA 1972)															N66 29 W46 17															GROUND ELEVATION: 7000 ft STN LTRS		
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)				MEAN				MEAN NUMBER OF DAYS										MEAN CLOUDS (TENTHS)					
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (MAX) SPEED (KLT)	RELATIVE HUMIDITY 0300	1500	DEW POINT (°F)	VAPOR PRESSURE (in)	PRESSURE ALTITUDE	99.95%	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F)								
																								MAXIMUM				MINIMUM				
																								1	2	3		4	5	6	7	8
JAN	32	0	-19	-55	0.7	0.8	7	8	SSE	20	25	73	71	-14	0.02	8950	5	1	5	1	0	10	0	0	31	28	4					
FEB	30	3	-16	-52	0.5	1.4	5	14	SSE	21	25	74	75	-10	0.03	8950	3	#	3	1	0	11	0	0	28	24	6					
MAR	29	0	-20	-55	0.5	0.9	5	9	SSE	16	25	73	75	-14	0.02	8750	4	#	4	1	0	11	0	0	31	28	4					
APR	34	9	-14	-39	0.2	0.9	2	9	SSE	14	25	74	77	-7	0.03	8450	3	#	3	#	0	11	0	0	30	25	5					
MAY	44	24	-2	-28	0.5	1.3	5	13	SSE	13	25	79	80	6	0.06	8100	5	#	5	1	0	8	0	1	31	19	5					
JUN	47	33	9	-12	1.2	1.2	11	12	SSE	12	40	82	77	16	0.09	7900	7	1	7	2	0	7	0	7	30	6	5					
JUL	58	38	16	-6	1.1	1.7	8	10	SSE	11	40	82	75	22	0.12	8650	8	#	7	2	0	10	1	15	31	2	7					
AUG	53	34	11	-20	1.2	1.5	12	15	SSE	11	40	79	77	17	0.10	7950	7	1	7	2	0	9	#	8	31	4	5					
SEP	42	20	1	-23	1.9	2.4	16	24	SSE	14	25	78	77	6	0.06	8100	10	1	10	3	0	8	0	/	30	15	6					
OCT	43	10	-9	-38	1.1	0.8	11	8	SSE	14	25	72	73	-6	0.03	8500	9	1	9	2	0	10	0	#	31	25	4					
NOV	36	3	-17	-54	0.4	0.4	4	4	SSE	17	25	74	75	-12	0.03	8650	4	0	4	1	0	13	0	0	30	26	4					
DEC	31	0	-20	-49	0.6	0.9	6	9	SSE	17	25	76	72	-15	0.02	8700	3	1	3	1	0	12	0	0	31	28	4					
ANN	58	15	-7	-55	9.9	2.4	92	24	SSE	15	25	76	75	-1.04	8700	68	6	67	17	0	120	1	31	365	230	5						
EYR	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8					
REMARKS:																																
1 4 observations per day (03,09,15,21 LST)																																
2 Refers to highest hourly wind speed class interval																																
3 TENTATIVE																																
RUSSMO POR: HRLY AND DAILY OBS: 6301-7012. (Unedited Data)																																
NOTE: *DATA NOT AVAILABLE. \$LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.																																
FLYING WEATHER (% FREQ)																																
HOURS (LST)																																
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN EYR																																
CIG less than 3000 feet and/or VSBY less than 3 miles																																
0300 41 38 37 30 25 33 39 32 41 37 41 33 35																																
0900 48 53 40 32 25 29 36 37 49 45 47 35 40																																
1500 47 45 37 30 21 31 33 35 42 39 45 45 38																																
2100 43 40 33 27 24 29 35 38 42 39 42 36 36																																
MEAN OF LISTED HOURS 45 44 37 31 26 29 36 37 44 41 44 38 37 8																																
CIG less than 1500 feet and/or VSBY less than 3 miles																																
0300 33 34 31 25 20 26 28 23 31 30 37 30 29																																
0900 37 48 36 29 19 22 27 28 38 40 44 28 33																																
1500 43 41 36 26 15 21 23 26 35 33 41 39 32																																
2100 36 35 29 24 17 23 26 28 32 30 37 30 29																																
MEAN OF LISTED HOURS 37 39 33 27 20 22 26 27 34 34 40 32 30 8																																
CIG less than 1000 feet and/or VSBY less than 2 miles																																
0300 29 29 26 17 13 22 22 16 27 23 28 23 23																																
0900 31 42 32 24 14 16 21 18 29 31 40 23 27																																
1500 39 37 31 21 11 13 17 20 27 27 36 30 26																																
2100 31 26 25 18 12 18 21 21 22 22 28 24 22																																
MEAN OF LISTED HOURS 32 33 29 21 14 17 20 20 26 26 32 25 24 8																																
CIG less than 200 feet and/or VSBY less than 1/2 mile																																
0300 17 20 9 6 4 7 10 8 9 7 11 10 10																																
0900 17 28 13 7 6 6 6 6 14 12 18 12 12																																
1500 20 23 16 6 3 4 4 3 11 10 17 11 11																																
2100 16 18 12 7 2 4 7 6 7 7 12 11 9																																
MEAN OF LISTED HOURS 17 22 12 6 4 6 7 6 10 9 14 11 10 8																																

# AWS CLIMATIC BRIEF

DYE 3/ICE CAP/SOB STORY, GREENLAND

PERIOD: 1963-70<sup>1</sup>

WEAN	16480
WMO	04175

Prepared by ETAC ( NOV 1971

N 65 11

W 43 50

ELEVATION: 8000 (125)N LTR3:

[illegible]

REMARKS 1 4 observations per day (03, 09, 15, 21 LST)

Refers to highest hourly wind speed class interval

<sup>3</sup> TENTATIVE

RUSSWO FOR: Hrly and Daily Obs: Jan 63 - Dec 70. (unedited data)

NOTE: \*\*DATA NOT AVAILABLE. LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)		HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YR
CIG less than 3000 feet and/or VSBY less than 3 miles	0300	42	51	35	37	46	57	56	53	51	44	42	47	47		
	0900	53	61	52	44	42	44	50	42	55	50	55	51	50		
	1500	57	59	48	41	36	43	51	44	53	49	56	60	50		
	2100	43	51	34	35	37	42	50	50	50	47	45	50	45		
	MEAN OF LISTED HOURS	49	55	42	39	43	47	52	47	52	48	49	52	48	8	
CIG less than 1500 feet and/or VSBY less than 3 miles	0300	38	46	29	32	41	50	47	43	43	37	36	42	40		
	0900	47	58	46	39	34	35	35	30	45	44	48	42	42		
	1500	52	55	42	38	26	32	32	27	42	39	48	55	41		
	2100	38	46	30	28	32	32	33	39	40	36	37	41	36		
	MEAN OF LISTED HOURS	44	51	37	34	35	38	37	35	43	39	42	45	40	8	
CIG less than 1000 feet and/or VSBY less than 2 miles	0300	29	38		24	31	36	33	28	23	23	28	30	29		
	0900	40	51	38	33	25	23	21	21	37	33	38	33	33		
	1500	44	47	36	29	19	20	18	15	35	30	38	43	31		
	2100	29	42	24	23	23	23	18	21	27	22	27	35	26		
	MEAN OF LISTED HOURS	35	44	30	27	26	26	23	21	31	27	33	35	30	8	
CIG less than 200 feet and/or VSBY less than ½ mile	0300	14	22	12	10	9	12	13	11	8	5	14	14	12		
	0900	22	31	16	14	6	9	6	7	16	9	18	14	14		
	1500	22	31	18	13	6	8	2	1	16	10	19	21	14		
	2100	16	23	12	12	8	10	5	8	11	8	16	13	12		
	MEAN OF LISTED HOURS	19	27	15	12	8	10	7	7	13	8	17	15	13	8	

AWS CLIMATIC BRIEF										DYE 4/KULUSUK ISLAND/BIC GUN, GREENLAND										PERIOD: 1963-70 <sup>1</sup>										WBAN # 16307 WMO # 04365 <sup>2</sup> STN LTRS BGKK									
Prepared by ETAC ( NOV 1971 )										N 65 32 W 37 11										FIELD ELEVATION: 117 ft																			
MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)				MEAN				MEAN NUMBER OF DAYS												TEMPERATURE (°F)				MEAN CLOUDS (TEXT)(%)						
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL IN 24 HOURS	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (MAX) SPEED (WIND)	RELATIVE HUMIDITY (%)	0300	1500	DEW POINT (°F)	VAPOR PRESSURE (in)	PRESSURE ALTITUDE	90-95%	PRECIP 2 0.01	PRECIP 2 0.5	SNOWFALL 20.1	SNOWFALL 2 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F)														
																									MAXIMUM		MINIMUM												
																									≥ 50	≥ 40	≤ 32	≤ 0											
JAN	45	24	13	-9	12.1	4.0	58	28	E	13	36	78	76	13	.08	2850	18	6	16	12	0	7	0	1	31	5	7												
FEB	49	26	13	-8	*	1.5	*	13	E	14	36	79	80	12	.08	2800	*	*	*	*	0	7	0	2	28	3	6												
MAR	42	23	11	-11	1.6	1.7	13	17	E	13	36	80	80	11	.07	2600	6	6	6	3	0	6	0	31	5	7													
APR	47	30	17	-3	2.4	2.5	18	15	E	10	36	82	81	18	.10	2250	10	2	9	5	0	7	0	3	30	6													
MAY	58	39	27	10	1.5	2.1	9	7	E	8	36	83	80	27	.15	2100	7	1	5	3	0	10	2	13	27	0	6												
JUN	62	45	33	14	4.1	3.1	5	7	W	7	55	85	82	34	.20	1900	10	4	3	1	0	14	6	25	16	0	7												
JUL	78	50	37	25	3.0	6.0	#	#	W	7	47	79	72	35	.20	1900	5	2	0	0	0	10	15	31	5	0	6												
AUG	72	48	36	18	5.3	4.9	1	4	W	7	47	80	75	34	.20	1800	8	3	#	#	0	12	11	30	7	0	7												
SEP	62	40	30	18	3.1	1.7	10	7	E	9	36	83	80	29	.16	2200	11	2	6	3	0	9	2	16	23	0	7												
OCT	59	34	24	7	2.2	4.2	14	16	E	9	36	79	78	23	.12	2550	7	2	5	2	0	7	0	4	30	0	6												
NOV	54	27	17	-10	1.8	1.5	18	14	E	12	36	76	75	16	.09	2600	7	1	7	3	0	6	#	1	30	1	7												
DEC	44	25	13	-8	5.3	3.7	20	13	E	12	36	77	75	12	.08	2650	12	2	11	4	0	5	0	1	31	2	6												
ANN	78	34	23	-11	42.4	6.0	166	28	E	10	36	80	78	23	.12	2400	101	25	68	36	0	100	36	127	289	16	6												
EYR	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8												
REMARKS <sup>1</sup> observations per day (03, 09, 15, 21 LST) <sup>2</sup> Refers to highest hourly wind speed class interval. <sup>3</sup> POR and/or number of observations varies for monthly PRECIP and SNOWFALL data. Mean annual totals are based on 11 months. <sup>4</sup> TENTATIVE RUSSWO POR: HRLY AND DAILY OBS: JAN 63-DEC 70 (unedited data) NOTE: *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.																																							
FLYING WEATHER (%FREQ)		HOURS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR																						
CIG less than 3000 feet and/or VSBY less than 3 miles		0300		43	44	40	37	38	46	28	39	41	45	40	41	40																							
		0900		49	41	45	39	36	46	29	36	38	42	40	45	41																							
		1500		47	42	43	34	28	39	24	32	37	42	40	46	38																							
		2100		47	42	43	35	34	39	26	33	40	42	35	43	38																							
		MEAN OF LISTED HOURS		46	42	43	36	34	43	27	34	39	43	39	44	39	8																						
CIG less than 1500 feet and/or VSBY less than 3 miles		0300		34	37	31	30	31	38	23	29	34	35	29	30	32																							
		0900		38	33	36	29	27	36	22	26	30	30	30	32	31																							
		1500		38	35	36	26	24	31	18	19	29	30	32	31	29																							
		2100		39	37	36	27	28	32	22	24	30	31	27	30	30																							
		MEAN OF LISTED HOURS		37	35	35	28	27	34	21	24	31	31	29	31	30	8																						
CIG less than 1000 feet and/or VSBY less than 2 miles		0300		24	30	25	23	23	29	20	20	24	23	24	21	24																							
		0900		26	30	29	24	22	31	19	16	20	25	25	22	24																							
		1500		29	32	32	23	16	25	15	13	21	22	23	21	23																							
		2100		26	27	27	21	22	22	16	16	20	19	21	21	22																							
		MEAN OF LISTED HOURS		27	30	28	23	21	27	17	16	21	22	23	21	23	8																						
CIG less than 200 feet and/or VSBY less than 1 mile		0300		12	13	11	10	11	13	9	8	10	10	9	7	10																							
		0900		12	13	10	12	10	15	10	9	8	9	13	9	11																							
		1500		14	15	12	11	6	13	8	6	8	7	11	8	10																							
		2100		15	15	11	12	8	13	8	9	8	9	13	8	10																							
		MEAN OF LISTED HOURS		13	14	11	11	9	13	9	8	9	9	11	8	10	8																						

PREPARED BY: USAPETAC JUNE 1964										STATION NAME: SONORESTROM AB SL LOCATION: N67 01 W050 43										PERIOD: JAN 43-MAR 73 ELEV: 165 FT										STN LENO: 8657 REC NO: 042310										
AWS CLIMATIC BRIEF										MEAN										SURFACE WIND										MEAN NUMBER OF DAYS OCCURRENCE OF:										
M O N T H	TEMPERATURE (°F)										PRECIPITATION (IN)										WIND										MEAN NUMBER OF DAYS OCCURRENCE OF:									
	MEAN					EXTREME					MONTHLY					ANNUAL					DIRECTION					SPEED					PRECIP					SHOWALL				
	MAX					MIN					MAX					MIN					MAX					MAX					MAX					MAX				
	0000					0000					0000					0000					0000					0000					0000					0000				
JAN	7	-9	-1	54	-69	-4	1.7	0	1.06	5.16	7	73	73	0.03	9	1600	ENE	6	52	5	7	8	8	1	0	2	0	0	14	8	0	0	0	0	0	0	0	0		
FEB	7	-9	-1	51	-69	-3	1.8	0	1.06	6.18	6	78	78	0.08	8	1600	ENE	5	55	5	8	8	1	0	2	0	0	14	8	0	0	0	0	0	0	0	0			
MAR	9	-8	0	53	-63	-2	1.6	0	1.06	8.16	6	82	77	0.08	7	1600	ENE	6	53	5	8	8	1	0	2	0	0	14	8	0	0	0	0	0	0	0	0			
APR	25	9	17	59	-26	-3	1.7	0	1.3	3.17	13	79	66	0.08	7	1200	ENE	6	54	6	8	8	1	0	2	0	0	14	8	0	0	0	0	0	0	0	0			
MAY	46	30	36	66	-7	-3	1.3	0	1.3	7.10	6	72	58	0.16	6	1000	E	8	57	6	8	8	1	0	2	0	0	14	8	0	0	0	0	0	0	0	0			
JUN	57	40	48	75	25	-6	1.2	0	1.3	1.5	2	66	52	0.19	5	900	E	8	59	6	8	8	1	0	2	0	0	14	8	0	0	0	0	0	0	0	0			
JUL	60	42	51	75	32	-9	2.7	-2	1.3	4.8	8	69	54	0.23	8	900	ENE	8	59	6	8	8	1	0	2	0	0	14	8	0	0	0	0	0	0	0	0			
AUG	56	39	46	73	24	-8	2.5	0	1.7	8.8	8	73	55	0.20	8	950	ENE	7	50	6	7	8	0	0	2	4	19	0	0	0	0	0	0	0	0	0				
SEP	52	33	39	68	-5	-8	2.0	-1	1.7	3.11	6	74	59	0.18	7	1050	ENE	7	58	7	8	8	1	0	2	4	19	0	0	0	0	0	0	0	0	0				
OCT	50	17	23	54	-13	-8	1.8	0	1.0	7.18	5	77	70	0.09	6	1250	ENE	6	57	6	8	8	1	0	2	4	19	0	0	0	0	0	0	0	0	0				
NOV	48	10	14	54	-14	-6	1.3	-1	1.7	6.18	7	76	75	0.16	5	1500	ENE	6	57	6	7	8	1	0	2	4	19	0	0	0	0	0	0	0	0	0				
DEC	9	-4	1	53	-51	-8	2.0	0	1.8	5.21	9	73	73	0.08	5	1650	ENE	7	56	6	7	8	1	0	2	4	19	0	0	0	0	0	0	0	0	0				
ANN	31	15	21	75	-51	-3	1.5	2.7	1.3	8.0	21	74	66	0.19	6	1180	ENE	7	57	6	7	8	1	0	2	4	19	0	0	0	0	0	0	0	0	0				
REV	20	29	29	29	29	29	29	29	29	26	26	26	26	9	9	10	9	9	17	9	29	29	26	26	26	26	26	29	29	29	29	29	29	29	29	29				
REMARKS: NUMBER FOR: SUNSHINE DATA: JAN 74 - MAR 83 SUNSHINE DATA: JAN 43 - JAN 46, JUN 46 - SEP 50 SUMMARY OF DATA: JAN 43 - JAN 46, JUN 46 - SEP 50 JUN 51 - MAR 73 CAUTION MUST BE NOTED WHEN USING THESE CLIMATIC DATA. THIS CLIMATIC SUMMARY WAS PREPARED BY USING NON-COINCIDENT PERIODS OF RECORD OF THE DAILY AND MONTHLY OBSERVATIONS.																																								
NOTE: * DATA NOT AVAILABLE    # DAYS < MONTH SHOWN IN HEADINGS    ** INSTANTANEOUS MAX WIND    S & S: SAME DATA S: PLYS: MONTH    S: DOWNS < PLYS: MONTH																																								
CAY. FREE (S)																																								
00-02																																								
03-05																																								
06-08																																								
09-11																																								
12-14																																								
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21-23																																								
ALL WRS																																								

PREPARED BY: USAF/TAC NAT 1587				STATION NAME: THULL AB GREENE ND LOCATION: 476 32 W068 45				PERIOD: NOV 51-DEC 86 ELEV: 251 FT				STN LTNS: BGTL RDC NO: 042020																																			
<b>AWS CLIMATIC BRIEF</b>												MEAN NUMBER OF DAYS OCCURRENCE OF																																			
TEMPERATURE (°F) DAILY MEAN EXTREME MONTHLY MEAN MAX MIN JAN 11 17 10 41 -39 FEB -6 20 13 43 -47 MAR -7 20 14 35 -44 APR 7 -8 0 43 -36 MAY 26 16 21 50 -17 JUN 39 31 35 68 17 JUL 45 36 41 84 24 AUG 42 35 39 82 21 SEP 32 23 28 69 -5 OCT 18 7 13 41 -24 NOV 7 -7 0 42 -31 DEC -2 15 -6 39 -38 ANN 17 5 11 68 -47 EYE 35 35 35 35 35 35 35 35 35 35 35 35												PRECIPITATION (IN) MONTHLY MEAN MAX MIN JAN 0.3 2.6 8 FEB 0.3 2.0 8 MAR 0.2 0.7 8 APR 0.2 0.8 8 MAY 0.3 1.3 8 JUN 0.2 0.6 8 JUL 0.6 3.1 1 AUG 0.6 1.9 8 SEP 0.5 2.0 8 OCT 0.6 1.4 1 NOV 0.4 1.5 8 DEC 0.5 2.4 8 ANN 4.5 3.3 8 EYE 35 35 35 35 35 35 35 35 35 35 35 35												SNOWFALL (IN) MONTHLY MEAN MAX MIN JAN 1.7 3 26 35 FEB 1.7 3 17 6 MAR 2 7 4 60 58 APR 2 8 4 59 58 MAY 1.1 4 15 9 JUN 1 5 2 66 63 JUL 0.2 1 6 2 69 66 AUG 1 5 2 71 67 SEP 4 11 7 67 63 OCT 6 15 7 62 61 NOV 5 26 15 58 59 DEC 7 24 7 62 62 ANN 26 15 63 61 EYE 10 10 10 10 10 10 10 10 10 10 10 10												SURFACE WINDS PLYG DIRECTION MEAN MAX JAN 7 81 4 6 8 6 8 0 3 0 8 14 4 FEB 6 81 4 5 8 5 8 0 4 0 8 14 5 MAR 6 102 5 5 0 5 8 0 4 0 8 14 4 APR 5 84 5 5 0 5 8 0 3 0 8 14 4 MAY 4 76 5 6 8 6 8 0 6 8 2 0 0 JUN 5 63 6 3 0 2 8 0 12 2 12 0 0 JUL 5 72 7 6 8 1 8 0 13 6 24 0 0 AUG 5 74 7 7 8 1 8 0 10 3 21 0 0 SEP 5 76 6 7 8 6 1 0 3 0 0 0 OCT 7 77 6 8 8 9 1 0 2 0 8 8 0 NOV 7 87 5 7 8 7 1 0 2 0 8 8 0 DEC 7 83 4 7 8 7 8 0 2 0 0 10 2 ANN 6 102 5 73 8 60 3 0 44 11 62 54 15 EYE 10 10 10 10 10 10 10 10 10 10 10 10											
REMARKS: RUSSWO POR: HOURLY OBS: JAN 77-DEC 86 SUMMARY OF DAY DATA: NOV 51-DEC 86 HOURS SUMMARIZED: 0000-2300 LST												NOTE: * DATA NOT AVAILABLE ** INSTANTANEOUS PEAK WINDS S & CALM BTR % PLYG DIRECTION % BASED ON FULL MONTH																																			
CAY FREQ (S)												HRS LST																																			
CEILING LESS THAN 300 FT												JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN EYE																																			
AND/OR VISIBILITY LESS THAN 3 MI												00-02 03-05 06-08 09-11 12-14 15-17 18-20 21-23 ALL HRS																																			
CEILING LESS THAN 1000 FT												00-02 03-05 06-08 09-11 12-14 15-17 18-20 21-23 ALL HRS																																			
AND/OR VISIBILITY LESS THAN 3 MI												00-02 03-05 06-08 09-11 12-14 15-17 18-20 21-23 ALL HRS																																			
CEILING LESS THAN 1000 FT												00-02 03-05 06-08 09-11 12-14 15-17 18-20 21-23 ALL HRS																																			
AND/OR VISIBILITY LESS THAN 1/2 MI												00-02 03-05 06-08 09-11 12-14 15-17 18-20 21-23 ALL HRS																																			

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